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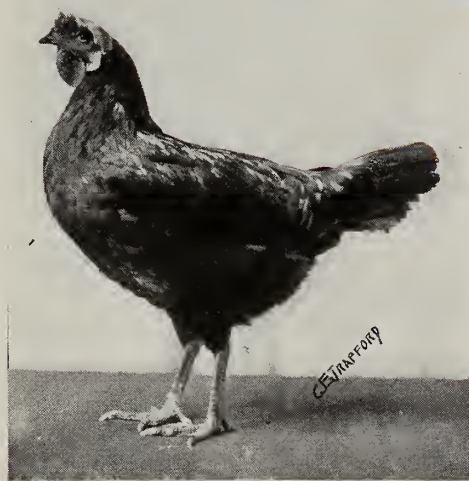
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THE INDUSTRIOUS HEN

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SEPTEMBER, 1915



Black Minorca pullet winner at Madison Square Garden, N. Y. Bred and owned by R. H. Anderson, Lynchburg, Va.

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INCORPORATED
Louisville-----Kentucky

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We will help you, and the first step is to get in touch with THE INDUSTRIOUS HEN, which has pointed the way to hundreds during the past year. The poultry industry offers greater opportunities today than ever before. Get started now and reap your rich harvest later.

READ THIS

Chattanooga, Tenn., March 12, 1915.
THE INDUSTRIOUS HEN,
Louisville, Kentucky.

Dear Sirs: I received your letter of the 9th and also the trio of Buff Orpingtons which I am well pleased with. I think they are fine birds and just what I wanted. Thanking you for the fine premium, I am,
Yours truly, J. S. HARTLEY.

POULTRY AND EGGS FREE: We will give you a pair, trio, pen or eggs for hatching, absolutely free. They can be selected from any breeder's yards who advertise in the columns of THE HEN. You have choice of any variety.

OFFER: We want you to get your neighbors to subscribe for THE INDUSTRIOUS HEN. Show them a copy of the paper and they will gladly subscribe and will thank you for suggesting it to them.

Eight Yearly Subscriptions—One Setting of Eggs (Fifteen).

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My Reds have the type, color, size and laying qualities. They stand undefeated in the show room. Eggs from choice pens, until August 15, \$1.00 per fifteen. A large flock of quality Reds coming on will enable me to furnish elegant show birds this fall and high class breeders. Write me.

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We will sell from now until September 1st some of our noted prize winners at half-price. Young stock ready for fall fairs. Write for prices. Satisfaction guaranteed.

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BARRETT'S BLUE RIBBON AND IMPORTED S. C. ANCONAS. The world's greatest layers. Eggs \$1.50, \$2.00, \$5.00 and \$10.00 for 15. Stock for sale. Barrett's Ancona Farm, Morristown, Tenn. 3-14t

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BLUE ANDALUSIANS, WHITE FACED Black Spanish and Silver Spangled Hamburgs. Fine young stock for sale. Eggs at \$1.50 per 15. H. R. Birchett, Lebanon, Tenn. 11-12t

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BANTAMS—EGG ORDERS BOOKED—Thirty-four varieties. Send 2c stamp for circular. Fenn Bantam Yards, Desk 6, Burlington, Wis. 1-6t

BANTAMS—BUFF, COCHIN, GOLDEN and Silver Seabrights, eggs \$2 per 13. Lewis Culps, Pulaski, Tenn. 3-6t

GOLDEN SEABRIGHT AND BLACK Cochins, Bantams. Get eggs from prize winners. Our birds took first prize at Charlotte show. Eggs \$1.50 a setting. Riverside Poultry Yards, Greenville, S. C. 4-3t

BUTTERCUPS.

SICILIAN BUTTERCUP EGGS FROM Baltimore, Washington and York prize winners, \$2 per 15 eggs. Single Comb White Minorcas and Buff Rocks, \$1 per 15 eggs. Harry C. Knopp, Rocks, Maryland. 5-2t

CAMPINES.

FELLOWS, I AM STILL IN THE GAME. Write me for my prices on eggs, Silver, Golden Campines, Blue, Partridge Orpingtons, Sussex and Leghorns. Dr. Prudhomme, Desk 10, Thurmont, Md. 1-6t

GOLDEN CAMPINES — JACOBUS Strain. Eggs balance season \$1.00 per 15. Stock for sale. W. T. Bull, P. O. Box 29, Greenville, S. C. 5-4t

SILVER AND GOLD CAMPINES—JONES. Kennedy strain. Best obtainable. Eggs and stock for sale. Especially fine lot of cockerels. Prices on request. Campine Electric Farm, Box 373, Greenville, S. C. 7-3t

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BUFF ORPINGTON DUCKS—SPECIALTY. Blue ribbon winners on all entries. Stock and eggs in season. Edna Hoffman, Annandale, N. J. 3-5t

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LANGSHANS—BLACK LANGSHAN PULLETS and cockerels, March hatch, beauties, \$1.00 each. Order from this advertisement. P. Baxandall, Lynchburg, Va. 7-1t

BLACK LANGSHANS AT HALF PRICE. Black Langshan hens, males and eggs. Correspondence solicited. James R. Brown, Jefferson City, Tenn. 5-4t

LAKENVELDERS.

LAKENVELDER EGGS AND STOCK, THE kind that takes the prize and give satisfaction, now half price. August Larson, R. F. D., Albertville, Wis. 6-4t

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SINGLE COMB BUFF LEGHORNS. "Pure Buff color." No white feathers or black specks on any of my birds. Eggs \$3 per fifteen. Orders booked for April or later delivery. W. E. L. Trim, Pocahontas, Tenn. 1-6t

WYCKOFF AND BLANCHARD STRAIN—Single Comb White Leghorns. Baby chicks, hatching eggs, choice breeding stock. C. N. Reynolds, Canton, Penn. 1-6t

FOR EGG INSURANCE BREED BARON'S English White Leghorns. World champion layers. 248 to 284 egg blood. Big, husky cockerels that will fix the laying habit in your flock at farmer's prices. Will H. Call, Royal Oaks Poultry Farm, Cabool, Mo. 9-3t

S. C. WHITE LEGHORNS—MODEL Strain. 100 year-old hens one dollar each if ordered quick. Stock going fast. Will sell limited number of spring hatched pullets and cockerels at low price. J. R. Miller, Ducktown, Tennessee. 8-1t

MRS. BERTHA BOTTONUS. IMPORTING and breeding Tom Baron's English White Leghorns, the great layers. Adult birds \$2.00 each. Hatching eggs \$2.00 setting; \$8.00 hundred. Postal brings booklet. 89 Burton Ave., Cleveland, Ohio, Box 7. 6-4t

S. C. WHITE LEGHORNS; 150 OLD hens, 200 yearlings, 80 cents to \$1.25. Cunningham Poultry Farm, Lancaster, S. C. 6-4t

PULLETS, YEARLING HENS, ANY NUMBER, low prices. Wyckoff S. C. White Leghorns. Will send proof from customers. They are best layers in America, England laying contests. Circulars, full information. Twenty-five years in business. C. N. Reynolds, Canton, Penn. 7-4t

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SINGLE COMB BUFF LEGHORNS, the all around bird. Lay lots of eggs in winter, grow fast on little feed; are healthy and always busy hunting a living. If you would like such a bird try my free range, raised to win, bred to lay strain. Eggs from first prize pen \$3 per 15; second pen, \$2; third pen, \$1. W. F. McReynolds, Gracey, Ky., Rt. No. 3. 5-1t

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MINORCAS—One grand pen Single Comb Black Minorcas, \$25.00; good breeding pen \$15.00; four females and male to pen. Breeding hens \$2.00 each. P. Baxandall, Lynchburg, Va. 7-1t

EGGS FROM FINE STRAIN OF EXTRA large, heavy laying Single Comb Black Minorcas, price reduced to \$1 per 15, postage prepaid. Safe delivery guaranteed. P. H. Scates, Martin, Tenn. 5-4t

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OHIO BUFFS. NO INBREEDING, OUT-breeding or line breeding. Trios \$7.00. Eggs (special matings), 15, \$2.00; 50, \$5.00. Circular free. State agency plan upon request. Questions cheerfully answered. F. S. Carahoff, Rushsylvania, Ohio. 6-4t

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BUFF ORPINGTONS — EGGS FOR hatching from prize winners, Chattanooga and Morristown, 1914. Fine stock, egg laying strain. G. M. Hyder, 304 Hol. avenue, Johnson City, Tenn.

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BUFF AND BLACK ORPINGTONS—Blue ribbon winners. Stock or eggs. Write me your wants. Mrs. Sam Embry, Jr., Stanford, Ky. 5-4t

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BLUE ORPINGTONS, a choice trio of these grand and beautiful birds only \$10. Order quick. R. H. Anderson, Lynchburg, Va. 8-2t

FOR SALE—BEST STRAIN BARRED Buff Partridge and White Plymouth Rock stock, young and old. Eggs and baby chicks. Safe arrival and satisfaction guaranteed. Mrs. Allen M. Dorris, Hendersonville, Tenn., R. No. 1. 6-12t

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BARRED ROCK BREEDERS: LEARN more about your variety and keep up-to-date on the grand old breed. Subscribe for the National Barred Rock Journal, issued monthly and devoted exclusively to this variety. Price 50 cents per year; three years (or three subscriptions) for \$1. Sample 5 cents. Official organ for both American and Canadian Barred Rock Club. W. L. Robinson, publisher, Drawer 218, Union City, Mich. 10-12t

STOCK, YOUNG AND OLD, OF Barred Rock, Buff, White and Partridge Plymouth Rock varieties. Best strains. Eggs and baby chicks. Mrs. Allen M. Dorris, Hendersonville, Tenn. 10-8t

WHITE PLYMOUTH ROCKS—U. R. Fishel strain. "Best on earth." Some extra fine cockerels, \$1.50 each. Miss Marietta Wood, Newport, Tenn. 9-1t

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\$\$\$\$\$ IN PIGEONS! START RAISING squabs for market or breeding purposes. Make big profits with our Jumbo pigeons. We teach you. Large, free, illustrated, instructive circulars. Providence Squab Company, Providence, R. I. 6-3t

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WHITE WYANDOTTE EGGS \$1 PER 15;
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 Eggs, day and month old chicks. Pekin, also White Runner ducks. Stock \$1.00 each. Mrs. Walter Rendell, Carbondale, Kan. 9-3t

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 yearling cock, eggs half price, young stock as soon as matured, square deal. Satisfaction guaranteed. Write for prices. J. S. Niswander, Lock Box 51, Union City, Ind. 6-4t

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PUREBRED POULTRY FARM RAISED
 Rocks, Reds, Wyandottes, Leghorns, three months old, 60 cents; four months old, 75 cents each. Prompt shipment. A. M. Gibbon, Mt. Holly, N. J. 9-3t

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 tractors for 25 cents, unequaled. W. T. Hallowell, No. 3728 N. Percy St., Philadelphia. 8-3t

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 your hens pay if you have our system. Seventeen years experience. Our complete system \$5.00. Write today. Tomoka Poultry Farm, Ellington, Conn. 6-4t

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 eye Egg Dater" for marking eggs, with indelible ink, \$3.40; without date, \$2.05. Burning brands, photo type, milk checks, stencils, seals, printing. Catalogue 10 cents. Buckeye Rubber Stamp Works, Dept. 17, Dayton, Ohio. 6-12t

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 letterheads, business cards, post cards, shipping labels, billheads, etc., 1,000 of either, \$1.75; 500 of either, \$1.15; 250, 85c, printed to your order. Fine stock and cuts used and sent prepaid to you. Catalogs and folders a specialty. Lowest priced printing establishment in America. Complete line of samples, price list and cut catalogue of all varieties free. Rennekamp Printing Co., May avenue, McKees Rocks, Pa. 7-2t

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 dottes, Leghorns, Hamburgs, White turkeys, Toulouse, Embden geese, ducks. Catalogue free. B. T. Kahler, Hughesville, Pa.

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 Noteheads, envelopes, cards, tags, labels, 100 either 50c; 250, 85c; 500, \$1.25; 1,000, \$2.25. Postcards, catalogues, circulars, linen-finish letterheads, everything. 125 noteheads, 125 envelopes, \$1.00 prepaid. Stamp brings samples. Finest cuts furnished. Model Printing Company, Manchester, Iowa.

FOR SALE—POULTRY PLANT IN MAN-
 deville resort, near New Orleans. Particulars address Pine Grove Poultry Farm, Mandeville, La. 9-1t

WANTED TO HEAR FROM OWNER OF
 Poultry Farm or business for sale. Send price, description. D. F. Bush, Minneapolis, Minn. 9-2t



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We want to help you make more profit from your poultry and if you will send us your name and address we will send you a sample copy of **THE INDUSTRIOUS HEN**, the oldest and best poultry paper in the South. Also ask us for our agency proposition and how you can secure a pen of pure bred birds—any breed—absolutely free. Address

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BAGS Wanted, Second-hand Bags. Write for prices. Richmond Bag Co., Dept. 28, Richmond, Va.

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Prof. Babcock, when he invented the Babcock tester, brought into existence the modern, profitable, dairy cow. Walter Hogan, by his "Hogan System" of absolute selection, has brought into existence the "laying hen" and "best breeding rooster." The Hogan System is not new. It has been tried and tested by famous poultrymen and state experiment stations. It has all been put into a plainly written book

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Shows how to cull out your flock. How to tell the high producing males and females. *Hoganize your flock.* Send \$2 for the book; if not satisfied you may have your money back.

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THE INDUSTRIOUS HEN

VOL. XII.

LOUISVILLE, KY., SEPTEMBER, 1915

(Whole No. 131)

No. 4

PANAMA-PACIFIC POULTRY POINTERS

July Report of the International Egg Laying Contest and Some Facts About the Panama-Pacific Poultry Show and the Annual Meeting of the American Poultry Association.

THE Panama-Pacific International Exposition is one of the greatest that has ever been held anywhere in the world. Practically every nation and every State is represented, and there is a creditable exhibit in every department and in every branch of agriculture. It will not look well for poultry if the breeders fail to do their duty and fail to make an entry of at least a few birds. The value of one ribbon won at an international show like this will be of more value as an advertising proposition than the entire expense incurred in making such an exhibit. We call upon every poultryman, far and near, to help make this show a credit to the exposition and to the industry. Take a chance. It is worth while. Enter at least a few birds.

Remember that the entries close October 15th. Don't delay until too late. Write for entry blanks at once. By the time you can get blanks and make your entries it will be show time. This is important and you should give it attention today. It will do no harm to get the blank and have it on hand even if you should fail to use it.

Tickets to San Francisco and return can be purchased from Kansas City and all Missouri river points for \$50.00 for the round trip. The rate is \$57.50 from St. Louis and \$62.50 from Chicago. The tickets are good for three months, final limit December 31st. You can have them read over one route and return over some other railroad at no additional cost. It will be many years before so much scenery, so much of our wonderful country and such a great exposition can be seen for such small cost. We don't believe you will ever regret having made the trip.

The pen of White Leghorns from the Oregon College of Agriculture, also a pen of Barred Rocks and one produced by a cross between Leghorns and Plymouth Rocks, are three of the highest pens in the egg-laying contest. They have all been bred according to the methods used by Prof. James Dryden at the Oregon Agricultural College. He has learned a great deal about breeding for egg production as the result of his many years of experimental work at the Oregon Agricultural College, and is to deliver an illustrated address during the week of the Panama-Pacific Poultry Show on the selection of layers and the result of his experiments at the Oregon Station.

In addition to the business program, the entertainment and educational features in connection with the convention of the American Poultry Association and the Panama-Pacific Poultry Show are as follows:

Monday, November 15, 1915.

8 P. M.—Reception at Inside Inn for all members of the American Poultry Association and visiting poultrymen and their families.

Tuesday, November 16, 9:30 A. M.

Fortieth annual meeting of the American Poultry Association called to order by the president.

Address by Lyman C. Byce, president of the American Poultry Association of California and member of the Executive Board of the A. P. A.

Address by D. O. Lively, chief of the Department of Live Stock.

Address of welcome and presentation of the exposition medal, Chas. C. Moore, president of the Panama-Pacific International Exposition.

Response by E. B. Thompson, Amenia, N. Y., president of the American Poultry Association.

Address—"History of the American Poultry Association"—by S. T. Campbell, secretary, Mansfield, Ohio.

3:00 P. M.—Dance at California Building.

Address—"The Poultry Industry, Present and Future; What It Is and What It Should Be"—by Grant M. Curtis, Buffalo, N. Y., president of the Cyphers Incubator Co., and editor of the Reliable Poultry Journal and the American Poultry World.

Address—"Breeding and Feeding for Egg Production"—C. T. Patterson, pathologist at the Missouri State Poultry Experiment Station, Mountain Grove, Mo. (Illustrated.)

10:00 P. M.—A. P. A. "Joy Night" on the Zone. Free admission tickets to the Alligator Farm, the Panama Canal and other places of amusement will be furnished all visitors.

Wednesday, November 17, 1915.

7:30 P. M.—Address—"Open-Air Housing of Poultry"—Dr. Prince T. Woods, Silver Lake, Mass., managing editor of American Poultry Journal.



Residence of Ino. S. Steers, proprietor Catalpas Poultry Yards, Dry Ridge, Ky. See advertisement on outside back cover, this issue. Special bargains in breeding and exhibition birds.

Address—"Methods That Have Made Possible the Getting of a Living Out of Poultry"—W. Theo. Wittman, expert poultryman for State of Pennsylvania (illustrated).

10:00 P. M.—All A. P. A. members and their families will be furnished tickets to the Ostrich Farm, Yellowstone Park, Old Faithful Inn and various interesting concessions on the Zone.

Thursday, November 18, 1915.

Opening of the great Panama-Pacific Universal Poultry Show. Friday morning there will be a three-hour scenic boat trip out through Golden Gate and to interesting points surrounding San Francisco Bay. If one hundred or more make the trip it can be made at a cost of only 65 cents each.

Other sight-seeing trips to interesting points, including an excursion to Petaluma, California's poultry center; through the Government forts; Golden Gate Park and the beach; Mount Tamalpais, Oakland and other interesting places surrounding San Francisco will probably be arranged for if the members should desire such trips.

Educational Program, Panama-Pacific Poultry Show.

Saturday, November 20.

2:00 P. M.—Blackboard chalk talk—"Science of Type"—W. H. Card, Manchester, Conn.

Illustrated lecture—"Chickenpox with Special Reference to Preventative Vaccination"—Dr. I. R. Beach, of the University of California.

Lecture—"Conclusions Drawn from Fifteen Years' College and University Work with Poultry"—Prof. W. R. Graham, Ontario Agricultural College, Guelph, Canada.

Lecture and demonstration in caponizing, illustrated with live birds—Geo. Beuoy, Cedar Vale, Kansas.

Monday, November 22.

2 P. M.—Lecture—"Ohio and the Day-old Chick Business"—Prof. F. S. Jacoby, Ohio State University, Columbus, Ohio.

Lecture—"Selecting the Layers"—Results of experiments at the Oregon Station (illustrated)—Prof. James Dryden, Oregon Agricultural College, Corvallis, Oregon.

Lecture—"Economics of Poultry Feed"—Prof. M. E. Jaffa, of the University of California, Berkeley.

Lecture and demonstration in selection of laying hens and breeding stock—Walter Hogan, Petaluma, Cal., originator of the Hogan System.

Tuesday, November 23.

2:00 P. M.—Lecture, Prof. J. E. Dougherty, professor of poultry husbandry, University Farm, Davis, Cal.—"Some Problems of the California Poultryman."

Lecture—"Waterfowls and Their Management"—Judge Chas. McClave, New London, Ohio.

Lecture and demonstration in caponizing, illustrated with live birds—Geo. Beuoy, Cedar Vale, Kansas.

Lecture and demonstration in the selection of laying hens and breeding stock—Walter Hogan, Petaluma, Cal.

Other interesting lectures and demonstrations and special exhibits of an educational nature are being arranged for.

JULY REPORT OF MISSOURI AND NATIONAL CONTESTS, MOUNTAIN GROVE, MO.

Relation of Shape to Egg Production—Rhythm of Egg Production—Barred Plymouth Rocks in Lead in Missouri Contest for July and for Nine Months—S. C. White Leghorns in Lead in National Contest for July and for the Nine Months.



WHETHER the shape of a hen's body influences egg production or egg production influences her shape, or both, we cannot say, yet we do see that good egg producers have triangular shaped bodies, in the form of a wedge, the back being one side of the triangle, the breast being another, and the third side being the distance from the pelvic bones to the back point of the breast or keel bone. It matters little whether shape influences egg production or egg production influences shape, for the fact remains that the hens which are producing large numbers of eggs usually conform to this wedge shape, and we believe that something can be told of pullets even before they begin to lay.

Shape assists therefore in selecting the best producers. But where it is possible to trap-nest for at least thirty days, much can be told of a hen's value as an egg producer by the rhythm of egg production. The number of eggs produced by a hen without missing a day is called a cycle. The number of eggs in each cycle tells whether the egg organs have the ability to produce eggs rapidly and the frequency with which these cycles are repeated tells whether the hen has a constitution which will stand up under the strain of heavy egg production. In other words, the number of eggs to the cycle tells the hen's breeding and repeating the cycles tells of the constitution.

If a hen lays four or more eggs to the cycle and repeats the cycles with only one or two days missed, she is a good hen. If a hen lays three or less eggs to the cycle and misses two or more days between cycles, she is of little or no value as an egg producer.

The hen which lays twenty or thirty eggs in one cycle then misses ten or fifteen days should be classed with the hen which lays regularly but lays only one or two eggs to the cycle. The first has well developed egg organs with a weak constitution, while the second has a strong constitution and weak egg organs.

This method of selection is of value where the hens are trap-nested for only two or three months during the breeding season or if a hen has been trap-nested during the breeding season and should get killed, the rhythm of egg production would give an idea of the value of the offspring.

The Barred Plymouth Rocks in the Missouri contest and Single Comb White Leghorns in the National contest



Third Prize S. C. Black Minorca Cock, Madison Square Garden, N. Y., Feb. 12-17, 1915. Owned and exhibited by R. H. Anderson, Lynchburg, Va.

are in the lead as pens for July and for the nine months of the contest. As individuals the Single Comb White Leghorns lead the Missouri contest and White Orpingtons the National.

Pen 40, Barred Rocks from Missouri, won the silver cup in the Missouri contest by laying 105 eggs in July.

Pen 12, Single Comb White Leghorns from Texas, won the cup in the National contest by laying 103 eggs in July.

The cups were won for June by Leghorns in Missouri contest by laying 115 eggs and by Leghorns in the National contest with 94 eggs.

It will be noticed that the winners in the Missouri contest laid ten eggs less in July than in June, but the winners in the National contest laid nine eggs more than in June.

Missouri Contest.

The ten highest pens in the Missouri contest for the nine months are as follows:

Pen.	Eggs.
34. Barred Rocks	812
40. Barred Rocks	806
6. Single Comb White Leghorns	773
38. White Plymouth Rocks	764
2. Single Comb White Leghorns	748
10. Single Comb White Leghorns	741
26. Buff Wyandottes	727
0. Single Comb White Leghorns	725
28. White Wyandottes	721
14. Single Comb White Leghorns	706

The five highest pens for July are as follows:

Pen.	Eggs.
40. Barred Rocks	105
6. Single Comb White Leghorns	102
18. Single Comb White Leghorns	99
34. Barred Rocks	97
7. Anconas	93
0. Single Comb White Leghorns	93

The five highest hens for nine months in the Missouri contest are as follows:

Pen.	Hen.	Eggs.
4.	4. Single Comb White Leghorn	195
40.	1. Barred Rock	181
34.	3. Barred Rock	178
14.	3. Single Comb White Leghorn	176
23.	2. Buff Wyandotte	175

The total number of eggs laid in the Missouri contest for July was 3,501 eggs.



The above cut shows the lake on the Lake Forest Poultry Farm, Rossville, Ga. This farm contains thirty acres and is devoted to S. C. Rhode Island Reds exclusively. See advertisement in this issue.

National Contest.

The ten highest pens for nine months in the National contest are as follows:

Pen.	Eggs.
21. Single Comb White Leghorns, England	733
1. Single Comb White Leghorns, Pennsylvania	692
75. Rhode Island Whites, Illinois	664
19. Single Comb White Leghorns, England	651
3. Single Comb White Leghorns, Pennsylvania	643
5. Single Comb White Leghorns, Illinois	633
43. White Orpingtons, Wisconsin	629
29. Single Comb Black Leghorns, Georgia	617
15. Single Comb White Leghorns, Missouri	615
8. Single Comb White Leghorns, Kentucky	611

The five highest pens for July are as follows:

Pen.	Eggs.
12. Single Comb White Leghorns, Texas	103
8. Single Comb White Leghorns, Kentucky	100
10. Single Comb White Leghorns, Pennsylvania	95
27. Single Comb Buff Leghorns, Michigan	91
15. Single Comb White Leghorns, Missouri	90

POULTRY EXPERIMENTS AT NORTH CAROLINA EXPERIMENT STATION.

Making a Flock of One Hundred Hens Pay for Their Upkeep—The Tabulation Below Shows Results.

AT THE North Carolina Agricultural Experiment Station work was begun April 2, 1914, primarily to determine, first, what it would cost to keep a farm flock of hens a year, and just what profit, if any, could be secured. When the work was begun there were some Single Comb Rhode Island Red hens on the test farm. Other good grade Rhode Island Reds were purchased in the neighborhood. The hens were always to be given the run of the farm and get all they could eat on the side and around the barns

and house. No account was to be made of the feed they obtained by foraging. An accurate account has been kept of all grain and other feed given.

For the hens a common ration of corn one part and oats one part was obtained. The object of this feeding was to use the most common farm feeds. This feed was supplemented part of the year with wheat shorts. The chicks were fed rolled oats, cracked corn and wheat. Oyster shell was kept before them at all times. During the year the hens laid 8,676 eggs, or an average of 86.7 eggs to the hen. They were kept under actual farm conditions.

All surplus eggs were sold on the Statesville market at an average price of 20 cents a dozen and when the increase of the flock is taken into consideration together with the value of the eggs, the profit received amounted to one dollar and fifty-seven cents per hen. The hens consumed during the year about four tons of feed and increased in numbers to 189. Market prices for the grain was charged against the hens and all expenses for upkeep were paid by the money received from the sale of the eggs.

The following tabulation will be interesting and show the results:

Statement of Work.

April 1, 1914—April 1, 1915.

April 1, 1914—DR.	April 1, 1915—CR.
To 65 hens at \$1 each.....	\$65.00
To 35 hens bought at \$1 each	35.00
To cost 3,276 lbs. corn....	52.65
To cost 3,276 lbs. oats....	57.34
To cost 1,616 lbs. wheat shorts	25.86
To incidental expenses....	5.30
To extra feed for small chicks	7.90
To 704 eggs set	11.75
To interest on investment, 6 per cent	12.00
Total expenditures ...	\$272.80
By 189 hens at \$1 each....	\$189.00
By 120 chicks at 10c each.	12.00
By 77 fowls sold	36.86
By 49 fowls eaten	23.52
By 723 doz. eggs at 20c...	144.60
By 4 tons manure at \$6...	24.00
Total receipts	\$429.98
Total profit	\$157.18

HELPING THE HENS THROUGH THE MOULT.

By E. W. Good.



WHILE this may seem like an article out of season, when it is considered that the prices of eggs are generally lowest in the longest days and that a hen should be through the moult and in the best condition for egg production by October, one may be excused for introducing the subject at this time. There are just three ways that a hen may cast off the old feathers and grow a new coat: first, no special attention may be given her; second, she may be subjected to a fasting or starvation period of a few weeks; third, special attention may be given regarding environments and dieting.

The first may be regarded as the popular way. Get all the service possible during the natural laying season, then allow her to pass through this trying period as best she can. If she has been properly cared for and fed the right kind of rations, well and good. Under these circumstances she will need very little attention. As a rule, however, the tendency is to get a hen overfat in hot weather, especially if her rations are made up largely of corn. To be in the best condition for moulting, the fat must be reduced to a minimum. As this trouble is so common among hens, the difficulty may be as well recognized at first and special treatment planned. This will save much disappointment.

Commercialism recognizes that a hen should be prepared for laying at the earliest possible time. This calls for the second method referred to. It is extremely doubtful that this is the best plan, if the general condition and the future health of the hen are to be considered. Protracted fasting followed by a heavy feeding demands a powerful constitution, accompanied by a faultless digestive apparatus. This condition obtains among very few hens. So to make this plan effective, attention should at first be directed to the breeding yard.

The third plan is considered the most humane and rational by the writer. If a hen has been in active service from October to July, she is entitled to a period of rest. This does not necessitate the suspension of egg production entirely. There is no reason why she should be allowed to go on "a strike," even while growing new feathers. An

average hen of health and constitutional vigor should lay enough eggs to pay the feed bill. Egg and feather production require similar material, and to enable both functions to be carried on at the same time, the hen must be fed accordingly. If there be any excess of fat it may be removed through the contraction of the nutritive ratio. In other words, increasing the protein and decreasing the carbohydrates and fat. The ideal combination for the average hen for the months of July, August and September is a pound of protein to three pounds of carbohydrates and fat combined. Should she be very fat, the ration of one to three may be safely introduced in July. A good variety of feed based upon this standard will duly loosen the feathers, and at the same time furnish material for the growth of new ones.

To make this article practical, I have taken just five feeds only, one for the scratch, and the other four will constitute the hopper feed. It is generally considered that a hen should enter a period of rest during the moult, but if she is overfat a little exercise in the scratching pen will help to pull off the fat and provide a health insurance. It will be observed that I have included a portion of corn meal for ground feed. This is a very fattening food when fed in the ordinary way. But in combination with other feeds less fattening and correctly proportioned, it will be safe to feed. I have purposely included beef meal instead of beef scraps, as being superior to mix with other ground feed. Beef scraps are preferably fed from an open hopper by itself. The formula that follows should be gradually worked up to. No less than a week should be occupied in its adoption. This caution is inserted from the fact that a liberal supply of oil meal is included. Owing to its superior effect in moulting time, the maximum capacity has been calculated.

Thoroughly mix 38.1 pounds corn meal, 34 pounds wheat bran, 13.9 pounds oil meal and 17.2 pounds beef meal. Scatter in clean, rather deep litter, one part wheat to four and one-half parts ground feed. Let your hens help themselves to hopper. Simply keep up the proportions. This combination is intended for the hen in ordinary conditions. If she be extremely fat, the following proportions are preferable: Corn meal 30.2 pounds, bran 15.7 pounds, oil meal 15.6 pounds, beef meal 30.2 pounds. Mix as before. Proportions: One part wheat to three parts ground



Left—Champion Wyandotte Female, Tri-State, 1914; Center—First Pen Cockerel, Tri-State, 1914; Right—Champion Female and Best Bird in Show, Jackson, Tenn., 1914. Bred and owned by Carrington Jones, Buntyn, Tenn.



Scene on Catalpas Poultry Yards, Jno. S. Steers, Proprietor, Dry Ridge, Ky., breeder of S. C. Rhode Island Reds, Barred Rocks, White Wyandottes and White Orpingtons.

feed. It will be seen that this ration is very rich in oil meal and beef meal. Care will have to be exercised in changing from your present formula to this one. Very gradually introduce the two feeds just mentioned. Half the amount of beef meal and oil meal will do to start, then occupy two weeks in working up to full amount called for. It will be found that this feed will not distend the crop as much as a wider ration, but it will do the work—loosen the feathers, grow new ones and, at the same time, cause biddy to drop an occasional egg. In addition to the above feeds, a liberal supply of greens should be allowed.

It is a great mistake to let a hen go until autumn before moulting. At this time she should be in the best condition to resume egg production. While eggs are rapidly advancing in price, then is the time to go in and reap the biggest profits. This matter of moulting is, or should be, under the control of the poultryman. There is no need of selling off the hens at one or two years old just because they have to moult. Many seem to think that pullets are necessary for egg production. This is not necessarily so. If you are going to allow a hen to have her own way, you might as well hatch out pullets and sell the hens to the butcher. It is just as reasonable to sell the cow because she is bound to have a dry season as to sell the hen at moulting time. Make up your mind that you are going to have your own way as to when she shall cast off the old coat and grow a new one. By adopting the feeding plans in this brief article, valuable specimens may be kept for ten years. Longevity, health and profitableness depend upon general care and feeding.—Exchange.

THE PROFITABLE BRANCHES OF THE POULTRY INDUSTRY.

(By A. J. Lawson, Cleveland, Tenn.)

The Best Paying Proposition Now would be either an Egg Farm or a Broiler Plant. Some Reasons that might Encourage those who are interested in this line of work.



THE fact that most all of the cold storage plants in this country have only stored about one-half as many eggs this season as usual, and another fact is that there has been more hens butchered this spring and summer than has ever been known, one great cause for this is the high prices of all feed stuffs in the past 18 months, all of this is an evidence that we are going to have the highest prices offered for eggs next winter that we have known for years and so far as we, as poultry breeders are able to see there has been a shortage of pullets this season. That is the 1915 crop of pullets raised and kept for laying purposes is about 35 per cent short of two years ago.

It is true that just at this time there are some attractive bargains offered in both yearling hens and pullets, and it will

be wise for those who are interested in establishing an egg farm, or a broiler plant to watch the poultry journals, and catch some of those bargains and buy hens now, or contract now for eggs for the broiler plant. Also it will be a good thing for those who have anything for sale in the way of eggs or stock, to get in to the poultry journals, tell the people what you have, and just now even in the dull season is the best time to find your customers, for the wise buyer is looking out now for a place to buy his stuff.

Now there is no doubt about the egg business being a profitable one. And I have never tried the broiler business, but I am sure and those who have tried it tell me that it is a fine business and a profitable business in such localities as can be found in this country, where there is a demand for fancy broilers.

But I do know there is money in the egg business and you can get it out if you have the right breed, and the right strain of that breed, for you will find that the strain has more to do with the egg producing power of any breed than the breed has. Now as the originator and breeder of Lawson's Blue Ribbon Egg Machine, single comb White Leghorns, and as I have tried and tested to my own satisfaction as well as to the satisfaction of hundreds of others that there is a good profit in keeping this strain of fowls for eggs, yet I know too, that there are other breeds and other strains of this breed that will pay their keeper a handsome profit if properly kept. Here is a little of my experience the past season, and what I did you can do. I kept a strict account of 480 White Leghorn hens, beginning the first part of the winter and running to May 15 I sold eggs to a broiler plant at 5 cents per egg (not enough, but about all the broiler plants are willing to pay for them.)

This 480 hens gave me an average of 366 eggs per day, for the whole time as stated above, November 15 to May 15, this was \$18.30 per day, and the total cost of feed (wholesale prices of course) was \$2.50 per day. All the work was done at home, no hired help. Now this was done without any fancy touches or any fancy housing or any force egg production feeding. I will give my method of feeding to anyone who may be interested that will inclose postage stamp for reply. And as we are in the midst of what some people call a panic, that is a money panic, I am sure there is nothing in this country that will pay you a better profit on your investment than the egg farming business, even if you have to get some good, wide awake fellow to start and manage it for you for a while; would just say right here that to succeed with an egg farm, that is on a large scale, two qualifications are necessary, and that is Money and Experience. You must have some money to start on a large scale, and to carry the thing on right some one must be at the head of it that has a good practical experience and I am glad I can say we have such men all over this country. One other thing that should not be overlooked in starting an egg farm, and that is the location of the farm, and I am glad to say that here in East Tennessee and around Cleveland, Tennessee there are a lot of fine locations for an ideal egg farm.

THE Industrious Hen

Absorbing Poultry Ideas, Louisville, Ky.; Practical Poultry, Birmingham, Ala.; The Poultry Times, Norfolk, Va.; Southern Poultry Magazine, Nashville, Tenn.; The Poultry News, Bustleton, Pa.; Tennessee Poultry Journal, Lebanon, Tenn.; The National Poultry Breeder, Owensboro, Ky.; Everybody's Poultry Journal, Nashville, Tenn.

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PUBLISHERS' ANNOUNCEMENT—All manuscript and copy for change of advertisements should be in our hands promptly by the 10th of the month preceding date of issue. **THIS IS IMPORTANT.** New business can be accepted as late as the 25th of the month, but special position cannot be guaranteed.

WE ALWAYS STOP THE MAGAZINE at the expiration of the time paid for unless a renewal of subscription is received. Those whose subscriptions have expired must not expect to continue to receive the magazine unless they send the money to pay for it another year.

MISSING NUMBERS—It occasionally happens that numbers of our magazine sent to subscribers are lost or stolen in the mails. In case you do not receive any number when due, write us a postal and we will cheerfully forward a duplicate of the missing number.

ADVERTISING RATES ON APPLICATION

No Slump in the Poultry Business.

We publish below a clipping from the August issue of Poultry Record, Carey, Ohio, for the benefit of our readers and we are sure they will be interested in reading of the so-called "slump" in the poultry business.

We notice in more than one poultry journal reference to the "slump" in the poultry business. The use of this term is misleading. Along practical lines there has been no slump in the poultry business. The slump has been in that branch of the business where prices have been entirely out of proportion to values. There are no \$1,000 birds or \$10,000 pens being sold, and there are less people trying to make 'steen thousand dollars with ten hens on a city lot than there were a few seasons ago. But there never has been a time in the history of the standard bred poultry business when practical breeding and raising of purebred poultry received the attention it is receiving today. Practically all of the experiment stations, colleges and State universities have their courses in poultry keeping, and the results are apparent among the farmers. They are getting rid of their mongrels and buying standard bred poultry. A few years ago a farmer thought he was keeping fancy poultry if he had a lot of Barred Rock hens running

with a Light Brahma or a White Leghorn cockerel, but he knows better now, and is replacing with better stock and keeping it purebred. There has been no "slump" with the real poultry raisers, the farmers and the conservative fanciers.—Poultry Record.

It is true that there are no more \$10,000 pens of birds being sold and while there are a lot of people under the impression that there is a great slump in the poultry business, it was never on a safer or sounder basis than it is today. It is growing by leaps and bounds. When \$1,000 was being paid for single birds a few years ago we predicted that such high prices could not exist long, and this branch of the business was sure to experience a great slump. And it has, but the business as a whole has grown and is still growing.

The work now being done by the experiment stations, colleges and State universities is helping to place the business on a different basis and with proper co-operation given these institutions, greater progress can be made. What we want is more farmers to get interested in purebred poultry and build up a flock of birds that will lay an average of 200 eggs a year. When this is accomplished you will see this country in a much more flourishing condition and poultry keeping the greatest industry in the country. Let us all work to this end.

Prospects Are Bright for Fall.

We have every reason to believe that the coming year will be the best ever experienced by the poultrymen all over the country and especially in the South. We have been in touch with breeders during the past three months scattered all over the South, and they report business opening up good with prospects brighter than ever known in the South for years. The South has the best crops this year she has had for a long time and when they are harvested and sold at good prices it is bound to bring prosperity to the entire South.

Another reason we believe that the country will be in a prosperous condition is that the war is helping this country and it is bound to help us more. As soon as the war is over the United States will reap a golden harvest and be the richest and most prosperous country on the globe. The indications are now that the war will not last six months longer. If this proves true, prosperity that none of us have ever dreamed of before is in easy reach.

The egg trade this spring was very light and the hatching season was also late. This, together with poor business conditions, of course, had its effect on the poultry business. Then, many people did not have the money to buy eggs with, but now as business conditions all over the country are getting better and people who were out of work last spring now have positions paying them well, are now in a position to purchase stock this fall and winter.

The breeder who starts his advertising early this fall will get his share of the business and be able to dispose of his surplus birds early and at good prices. October is an ideal time to start your copy and we hope you will let us help you dispose of your birds at good prices in the South and reap

a greater profit than any year in the past. Prosperity is within your reach and all indications point to a large demand for breeding and exhibition birds during the coming year. Don't let the opportunity pass you.

Geat Ready for Louisville's Big Armory Show.

This should interest every poultryman in the South and you should make your plans now to send a large string of your best birds to this, the greatest poultry show to be held in the South this winter. The dates have been chosen for Thanksgiving week and all indications point now that there will be at least 4,000 entries in the poultry department alone. A pigeon and dog show will be held at the same time in connection with the poultry show.

The judges have already been selected. H. A. Pickett, Greentown, Ind., and Loring Brown, Atlanta, Ga. Both of these gentlemen are known as two of the leading poultry judges in the country. It is possible that other judges will be selected later. This show will draw large entries from both North and South and to get a blue here will be worth as much to you to use in your advertising as a winning at Chicago or other large shows of national reputation.

Plan now to show a string of your birds and write the secretary, A. W. Haller, 103 West Market street, Louisville, Ky., for particulars. The catalog will be ready for mailing about October 15th, showing list of valuable cups, ribbons and cash prizes offered.

We Want More Subscribers.

Our subscribers and readers can help us increase our circulation without any inconvenience or work on their part. All of you can secure one or two new subscribers or possibly more by simply telling your friends or neighbors of the Industrious Hen and showing them a copy. For your trouble and time we will give you either a valuable premium or cash. Get busy now and help us double our circulation by January 1, 1916. The more live readers we have the better poultry paper we can give you. Just think how our circulation would increase if each of our old subscribers would just send us one new subscriber! You can help us now. Will you?

NOTES AND COMMENT.

By D. R. McBrayer.

September—and the fall fairs are upon us.

Have you decided which of the fall fairs you will exhibit at yet? If not, get busy right now. Get the premium list of the various fairs to be held in your territory and decide which ones you will make with your birds. Then begin conditioning them so that when the dates roll around you will have everything in tip-top condition for winning the blue. Remember that condition goes a long ways toward winning the coveted prize. Get them ready now.

Before another issue of this paper will have reached your hands, the season's crop of pullets will have been placed in their winter quarters. Here

on Mountain View Farm we usually do this about the last of September; this allows them to become accustomed to their new quarters before winter sets in. However, before bringing the pullets from the range we should thoroughly clean and spray all the houses, fill the nests with new material and place fresh litter on the floors. In fact, everything inside the building should be clean and fresh and also in the position that it is expected to occupy through the winter. Continual changing of the inside arrangements of the poultry houses does a vast amount of harm to the nervous pullet that is about ready to lay.

If you haven't plenty of house room there is yet time to build provided you will "get a move on." Do not crowd the layers. Give them plenty of room and they will show their appreciation by laying for you lots of eggs. Not only do they lay fewer eggs when crowded, but they are much more liable to disease. We have every reason to believe that eggs will bring satisfactory prices this fall and winter and we expect to put forth an earnest effort to get as many from each pullet that we keep as possible.

As a test of your hatching and brooding ability, how many of your pullets will lay this month? We have a bunch of Leghorn pullets that are beauties, just blooming out as it were into maturity. We have every reason to believe that many of them will be laying before September will have progressed far. The early hatched pullet is the "money maker." Have you got her? If not, then you had better plan now to have her next year—it's not too early. Plan ahead. It's your only hope for success.

September is the month for sowing rye, oats, rape and such grains for your winter's supply of green feed. Sown by the 15th to 30th of this month they will get a good start before winter shuts in on them and may be fed from early fall throughout the winter. We have repeatedly proven that the egg yield may be increased from 20 to 30 per cent in a very few days by the liberal feeding of good succulent green feed. To me it seems that there is no excuse in the world for any poultryman who has any available land space, not having an abundant supply of greens at all times of the year, for in this land of mild winters the above named grains will make satisfactory growth practically all winter. Better look into this matter now. It will be too late three months hence.

Flynn Elliott, one of North Carolina's most progressive and well known poultrymen, died at his home near Charlotte, on August 5. Typhoid fever being the cause of his death. A young man of twenty-five he was an ardent lover of poultry, having for many years bred a large number of different breeds and varieties of poultry, having as his motto: "I breed everything that wears feathers." Flynn was an honest, upright Christian gentleman and enjoyed a wide circle of friends throughout the South. We will miss him greatly at the shows. He leaves a wife and one child, Flynn, Jr., his wife being the daughter of Joseph Warden, of Charlotte, who is

known throughout the entire South as "Uncle Jo."

Asheville, N. C., has asked for the 1916 meeting of the A. P. A., and we are sure that the association could do no better than accept this call. Asheville is one of the best known resorts in America, drawing thousands upon thousands of people annually. She has ample hotel accommodations for entertaining the large crowd that would no doubt attend should the association decide to visit Asheville. Grove Park Inn, the finest resort hotel in the world, built by E. W. Grove, the millionaire medicine man, is to be found there. The scenery about this city is grand and the summers are cool and pleasant, making it an ideal place for conventions to meet. North Carolina has never had a meeting of the A. P. A. Here's hoping that the 1916 one comes this way. Vote for Asheville.

We are pleased to note that there is a movement on foot to hold an egg-laying contest somewhere near Atlanta, beginning about December 1. We hope that the poultrymen of the South will arouse themselves and give this movement their support, for such a contest would mean much to this part of the country. What will you do about it? If you fail to give this movement your support it may be several years before another opportunity will be offered you along this line. Now is the time for action. Get busy!

There are many things that must be seen to be appreciated. Living as we do, only sixty-five miles east of Asheville, the main automobile highway leading to this popular summer resort, we see daily the large number of cars that pass through from all parts of the country en route there. Recently we heard members of a family who were passing my home town state that they had never been so surprised with a country as they were with western North Carolina. They stated that they had expected to find a land covered with undergrowth and shrubbery, but to their surprise they had found the most magnificent growing crops and the very best roads over which they had ever traveled. So much for western North Carolina, one of the most desirable places on earth for one to live.

The automobile has done much to

make country life attractive and pleasant. Only recently we became the owner of a Chevrolet "baby grand" touring car and it has proven a source of much pleasure. After the day's work is over we may drive to town for the evening mail, take in the "movies" or have a chat with the ladies (I am not a married man) and return before bedtime. Automobiles, good roads, telephones, R. F. D. service, more and better churches and schools have done much, and are today doing much to make country life what it should be—"the grandest place in all the world to live."

Cyphers 200 Page Poultry Book Yours Free

EVERY poultry keeper should have a copy. Profit by our 18 years experience. Learn about "Free Service Department," Cyphers Free \$1,000 Prize Contest, etc. Write today.

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Incubators—three styles—eight sizes—\$10 to \$38—also Self-Regulating and Self-Ventilating Hovers and Brooders. And nearly 100 other useful articles for money-making poultry keepers. *Everything sold under guaranty.* 52-page book, "POULTRY FOODS AND FEEDING," mailed free with 200-page catalog.

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Ferris S. C. White Leghorns

Fifteen years' careful breeding for size, health, vigor, heavy egg production and exhibition. Trap-nested layers. 60 first prizes at 15 big shows. Laying, breeding and exhibition stock shipped C. O. D. and on approval. Satisfaction guaranteed. 36-page free catalog. Gives full particulars, list of winnings, prices and description of stock. Postal brings it. Prices of cocks, hens, cockerels, pullets reduced 30 to 50 per cent this month.

FERRIS LEGHORN FARM, Geo. B. Ferris
922 North Union Grand Rapids, Mich.

STALLING'S SINGLE COMB REDS

have won wherever shown. A few high-class yearling hens and cocks to spare. Also, February hatched cockerels for early shows. Ship on approval. Money back if not satisfied.

THOMAS STALLINGS,

Box

Granite City, Illinois



EARLY COCKERELS AND PULLETS

All over the country, beginning with early September, large fairs are held. The poultry exhibits are always of great interest to the crowds, and the attendance at these fairs is five to ten times as great as at the regular winter poultry shows. If you are not in shape to make an exhibit, why not let me fit you out with a string. Early chicks are scarce but I make it my business to have plenty of them. As a business proposition you cannot afford to overlook this opportunity. A good winning will bring you plenty of orders for stock and eggs. Nothing will attract prospective buyers more than fine, well matured cockerels and pullets at the early shows. That I can furnish you with the necessary quality

as shown by my own winnings at the New York State Fair covering a period of ten years. While I get out a large number, yet my supply is not unlimited and you should have your birds reserved early. As a rule prices do not range as high as they do for the winter show winners. Fine show cockerels range in price from \$10.00 to \$25.00, and pullets from \$8.00 to \$20.00. Exhibition pens \$25.00 to \$75.00. FREE—Send for catalogue and summer sale list, giving description of several hundred breeders I am offering for sale. Send one dime for the REGAL WHITE WYANDOTTE BOOK, telling all about White Wyandottes.

JOHN S. MARTIN,

BOX 911

PORT DOVER, CANADA

Just say you saw it in The Industrious Hen.



Under this heading "Pick Ups Here and There," we will give our readers each month clippings from our exchanges that we think will interest them.

Chicks on Damp Locations.

Chicks will have weak legs when kept on damp ground or when they are on a damp place at night, as well as when sulphur is given, but when chicks are apparently healthy, have good appetites and grow rapidly weak legs may be caused by forced feeding, their growth being so rapid that the legs are incapable of supporting their bodies. In such cases no danger need result; in fact, it is a favorable indication as showing rapid growth. Simply feed less, giving bone meal and plenty of finely chopped green food and using millet seed in the litter, so as to induce them to scratch.—Poultry Record.

Egg-Eating.

Egg-eating is a vice. One hen learns it and teaches the others. She finds a broken egg, discovers that it is good eating, and thereafter she seeks such. Fat hens, lazy hens, idle hens and hens that get no animal food exercise or a variety are subject to it. It is not in the breed, but in the individual. Use no nest-egg unless of wood or procelain. Have the nest off the ground, so that the hen cannot reach the egg, and make the nest so there is barely room for the hen, so that she cannot stand perfectly erect or eat the egg. She will come off to eat it, but cannot then reach it. Collect the eggs frequently. Leave a few plaster-of-Paris eggs on the floor to work on. They will soon believe that all eggs are alike.—Poultry Record.

Opens New York Office.

The business of the Andrews Paper Box Company, Chattanooga, Tenn., O. B. Andrews, president, manufacturers of "Efficiency" coops, portable houses and shipping cartons, has increased so this past year that the company has found it necessary to open a New York office in the Fifth Avenue building, and also a warehouse in the Bush Terminal in Brooklyn. Mr. C. S. Andrews, brother of the president, is in charge of the New York office.—Poultry Success.

Buff Rocks at Panama-Pacific Show.

W. S. Robinson, Fayette, Mo., secretary of the American Buff Plymouth Rock Club, is endeavoring to organize a movement that will bring out an exhibit of one thousand Buff Rocks at the Panama-Pacific Poultry Show. This is certainly an undertaking, but it is not beyond realization when the deeds of the Buff Rock club members of the past are considered.

As a result of team work among club members and breeders, 519 Buff Rocks were shown at the St. Louis

Exposition in 1904. This undoubtedly did more to advertise Buff Rocks and advance the interest of the breeders of the variety than anything done before or since.

While a thousand birds of a single variety is a large number, it is only necessary for one hundred breeders to show ten birds apiece, and if the movement were successful every breeder of the variety would be more than well repaid through the publicity that an exhibit of a thousand birds of a single variety would receive.

Wake up, Buff Rock breeders! Get in touch with Secretary Robinson and take advantage of the opportunity that is before you.—American Poultry World.

Lily White Farm Incorporates.

The Lily White Poultry Farm, Saginaw, Mich., breeders of trap-nested Single Comb White Leghorns exclusively, has been incorporated with a capital stock of \$50,000, of which over \$40,000 has already been paid in. Among the stockholders are John Schmelzer and J. Fred Best, who previously owned the plant, and other prominent business men of Saginaw. Mr. Best, the successful manager of the farm, was formerly located at Grand Rapids, Mich., and he has been ably assisted the past several years by his wife, who is some chicken woman.—Poultry Success.

A. P. A. Headquarters at Exposition.

The headquarters of poultrymen and members of the A. P. A. at the San Francisco exposition will be the Inside Inn Hotel, situated on the exposition grounds. This hotel is one of the most attractive of the exposition buildings with the largest lobby space of any hotel, so it is said, in America. This hostelry, furnished tastefully throughout, and with all modern conveniences, is a new departure from an



GLORYANNA S. C. WHITE LEGHORNS

Be sure to see our exhibit at the Kentucky State Fair, September 13-18. We are offering special bargains in both young and old birds during the next sixty days. Look up our winnings at the best shows in the country and convince yourself of the quality we breed. We guarantee satisfaction or money refunded. Catalogue free.

GLORYANNA POULTRY YARDS

550 S. Fourth St.

GEO. E. SCHULZ, Prop.

LOUISVILLE, KY.

exposition hotel standpoint, as it has been constructed on the lines of a permanent structure and will continue as such after the exposition is over.—Poultry Success.

We are in receipt of a letter from the Highland Poultry Yards, W. A. Luther, proprietor, Chattanooga, Tenn., and they inform us that they have moved to their fifty acre farm where their birds will have free range in the future. Their farm is located near Chattanooga, and all mail should be addressed to this place. Any of our readers who are in the market for either stock or eggs should write them for prices for we are sure that they can furnish either at very reasonable prices. When writing them be sure and mention The Industrious Hen.

Sizeas Scientific Compound

Is what the poultry raisers have long been looking for. It saves the little chickens and turkeys and makes them. It cures Cholera, White Diarrhea, Blackhead, Roup, Limberneck and Gapes. Large package for 25 cents and your dealer's name. Agents wanted.

GEO. SIZEAS,

New Castle,

Virginia

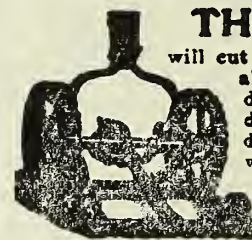
ANCONAS PARTRIDGE ROCKS

Winners Madison Square Garden, Philadelphia, Baltimore, Atlanta and elsewhere. They are known all over the South. Write for prices on stock and eggs.

H. E. PORTRUM

Rogersville,

Tennessee



THE CLIPPER

will cut tall and short grass, do all trimming along walks, drives and fences. If your dealers haven't them, drop us a line and we will send circulars and prices.

Clipper Lawn Mower Co.
5th St., Dixon, Ill.

FEED

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This is the Feed that answers all questions—

Shur-pleez

The Feed that does everything a GOOD Feed should do.

Write us to-day.

RITTER-HENNINGS CO.
Incorporated

14th and Main Sts.

LOUISVILLE, KY.

Established 27 Years and Indorsed by all

Gem Coops Collapse and Fold—Light and Strong. All standard sizes in stock. Prompt shipments. Fanciers and Associations demand Gem coops, therefore staple. Colored circular free.

GEM MANUFACTURING COMPANY

Successors to the Gem Incubator Co.
GREENVILLE, OHIO, U. S. A.

Kennel News

New Boston Terrier Standard.

A new standard has recently been adopted by the Boston Terrier Club, which is considered a decided improvement on the old standard. The Boston has advanced until today it is one of the most popular breeds in this country and the Boston Terrier Club has done much that will keep this popularity up by revising the old standard. The committee that had this work in charge has given due consideration to the founders of the breed and in many instances the old standard has been followed, although in many places the rough spots have been smoothed out as the breed had reached a stage where it needed a standard in keeping. The new standard:

General Appearance, 10 Points.—The general appearance of the Boston Terrier should be that of a lively, highly intelligent, smooth coated, short headed, compactly built, short tailed, well balanced dog of medium stature, of brindle color and evenly marked with white. The head should indicate a high degree of intelligence and should be in proportion to the size of the dog; the body rather short and well knit; the limbs strong and neatly turned; tail short; and no feature be so prominent that the dog appears badly proportioned. The dog should convey an impression of determination, strength and activity, with style of a high order; carriage easy and graceful. A proportionate combination of "color" and ideal markings is a particularly distinctive feature of a representative specimen, and a dog with a preponderance of white on body or without the proper proportion of brindle and white on head should possess sufficient merit otherwise to counteract its deficiencies in these respects. The ideal Boston Terrier expression as indicating a high degree of intelligence is also an important characteristic of the breed. Color and markings and expression should be given particular consideration in determining the relative value of general appearance to other points.

Skull, 12 Points.—Square, flat on top, free from wrinkles; cheeks flat; brow abrupt, stop well defined.

Eyes, 5 Points.—The eyes should be wide apart, large and round, dark in color, expression alert but kind and intelligent. The eyes should be set square in the skull and the outside corners should be on a line with the cheeks as viewed from the front.

Muzzle, 12 Points.—Short, square, wide and deep, and in proportion to skull; free from wrinkles, shorter in length than in width and depth, carried out well to end; muzzle from stop to end of nose on a line parallel to the top of the skull; nose black and wide, with well defined line between nostrils. The jaws broad and square, with short, regular teeth. The chops of good depth but not pendulous, com-

pletely covering the teeth when the mouth is closed.

Ears, 2 Points.—The ears should be carried erect, small and thin, situated as near corners of skull as possible.

Neck, 3 Points.—Neck to be of fair length, slightly arched and carrying the head gracefully, setting nearly into the shoulders.

Body, 15 Points.—Deep, with good width of chest; well sprung, carried well back to loins; loins short and muscular, rump curving slightly to set on of tail, flank very slightly cut up. The body should appear short but not chunky.

Elbows, 4 Points.—Standing neither in nor out.

Forelegs, 5 Points.—Set moderately wide apart and on a line with the points of the shoulder, straight in bone and well muscled, pastern short and strong.

Hind Legs, 5 Points.—Set true, bent at stifles, short from hocks to feet, hocks turning neither in nor out, thighs strong and well muscled.

Feet, 5 Points.—Round, small and compact, and turned neither in nor out, toes well arched.

Tail, 5 Points.—Set on low, short, fine and tapering, straight or screw, devoid of fringe or coarse hair and not carried above horizontal.

Color, 4 Points.—Brindle with white markings.

Ideal Markings, 10 Points.—White muzzle, even white blaze over head, collar, breast, part or whole of forelegs and hind legs below hocks.

Coat, 3 Points.—Short, smooth, bright and fine in texture.

Disqualifications.—Solid black, black and tan, liver and mouse color, docked tail or any artificial means used to deceive the judge.

Weight.—Not exceeding 27 pounds, divided by classes as follows: Lightweight, under 17 pounds; middleweight, 17 and under 22 pounds; heavyweight, 22 and not exceeding 27 pounds.

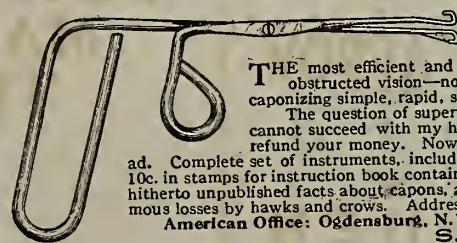
S. C. RHODE ISLAND REDS

One hundred young birds for sale. Cockerels \$2 and \$3; pullets \$1 and \$2; 50 yearling hens \$1 and up; five cock birds 2 and 3 years old \$2 to \$5. Satisfaction guaranteed or money refunded. Write at once.

G. E. TABB,

ROUTE No. 2

ELIZABETHTOWN, KY.



NEW CAPONIZING TOOL

(Patent Pending)

THE most efficient and convenient caponizing tool yet devised. This unique design gives unobstructed vision—no shadows or uncertainty—every step of the operation in full view—making caponizing simple, rapid, safe, successful.

The question of superiority of my instruments is left entirely to you. Get and try them, if you cannot succeed with my help or do not like them, return them in good order, and I will cheerfully refund your money. Now is the time to caponize late cockerels. If in hurry, order direct from this ad. Complete set of instruments, including illustrated instructions, prepaid, \$4.50. Removers alone \$3.00. Send 10c. in stamps for instruction book containing full description of my instruments and appliances, many valuable and hitherto unpublished facts about capons, and details of an efficient Poultry Police System, or how to stop the enormous losses by hawks and crows. Address all communications to me at Ottawa. (Please mention this paper.)

American Office: Ogdensburg, N.Y.

Head Office: Ottawa, Canada.

S. K. BURDIN (Box 12)

PREPARE NOW TO WIN THE

"GREATEST EXCLUSIVE POULTRY SHOW SOUTH"

Lake Charles, Louisiana, December 13th-18th. Guaranteed Regular Cash Prizes: \$20.00, \$7.50 and \$5.00 on pens. \$4.00, \$2.00 and \$1.00 on singles. Liberal Cash specials. Regular and special prizes both matings Barred Rocks. Official State Barred Rock Club Show, State Cup White Orpington Club, and other special club trophies. Comparison judging by Marshall and Van Winkle. Entries close November 30. Write for catalog.

B. F. HENDRICKS, Secretary,

Lake Charles, La.

"GREATEST EXCLUSIVE POULTRY SHOW SOUTH" where UNDISPUTED CHAMPIONS OF THE SOUTH will be made 1915-16.

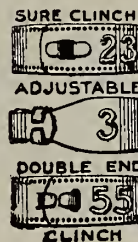
Just say you sow it in The Industrious Hen.

Ridge Spring Poultry Farm Winnings.

At the Elizabethtown Fair the Ridge Spring Poultry Farm, Rineyville, Ky., won the following on their White Orpingtons: first, second and third cock; first, second and third hen; first, second and third cockerel; first, second and third pullet, and first pen; also best pen in show, all varieties competing. Also silver cup for best display, all varieties competing. If you are in market for either old or young birds, write them and get prices and be sure to mention this paper. Their prices are reasonable and they guarantee satisfaction. Their birds have also won at the best shows in the country, including State Poultry Show and Kentucky State Fair.

If you will secure two new subscribers for the **INDUSTRIOUS HEN** at 50 cents each, we will send you the **Hen** one year free for your trouble.

Poultry Bands Twelve Varieties



Aluminum with raised figures, price, 25, 15c; 50, 25c; 100, 40c; 1,000, \$3.00. CELLULOID BANDS in eighteen different colors, Aluminum back, large black figures, price postpaid, 12 for 15c; 25, 25c; 50, 35c; 100, 60c; 1,000, \$4.25. Send for free catalogue.

THE NATIONAL POULTRY BAND CO.
NEWPORT, KENTUCKY

21 Eggs in 24 Days

laid by a Minorca pullet at Speedwell Poultry Farm, Salem, Va. She began laying when four months and 26 days old. Twenty-four eggs per day from 52 pullets, five months old, is the record. These pullets were raised on

FEED TREATED WITH "OCULUM"

A drop a day for each—That's All! Use "OCULUM" and make your pullets LAY EARLY. "OCULUM" acts with equal success on ALL KINDS of fowls and animals. "OCULUM" cures the worst cases of Cholera, Roup and White Diarrhea. Recommended in every State. Missouri Experiment Station and others praise it. Uncle Sam has experimented with it and is satisfied. If your dealer won't supply you, we will. Send 50c for trial bottle, or \$1.00 for large bottle. If not satisfied, money back.

THE H. I. CO., INC.

BOOKLET FREE Box M, SALEM, VA.

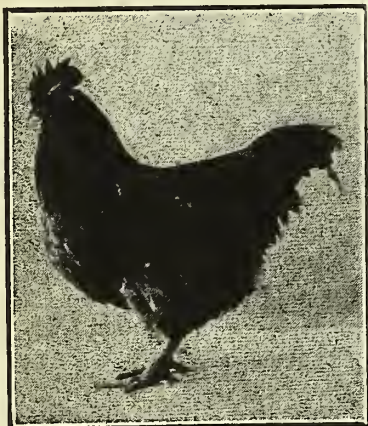
TURKEY & WATER FOWL

DEPARTMENT

This department is conducted by Mrs. J. C. Shofner, Mulberry, Tenn., and any questions that you wish to ask will be answered through this department, if addressed to Mrs. Shofner. If a personal reply is wanted, enclose a stamped envelope.

The Care of the Young Turkey.

The turkey hen or common hen used for brooding should be confined in a coop and run till the young turkeys become large and strong. This coop may be about thirty inches square for the accommodation of the hen, but must be much larger for the turkey hen. A small yard, slatted about eighteen inches high, as wide as the coop and about three feet long can be made for the hen to run in and from this slatted coop the young turkeys may wander around and catch bugs. The coop must be kept in the shade and moved to fresh ground at least once a week. The coop must be kept clean and disinfected with a solution of creolin, made by adding four tablespoonfuls of creolin to a gallon of water.



Buff Orpington cockerel. Bred and owned by Bloom H. Kendall, Shelby, N. C. See advertisement in this issue.

The hen must be dusted with a good insect powder when set and again when taken from the nest and once every ten days after that time. The insect powder must be worked down to the skin and over the entire body surface.

The coop and young turkeys must be kept dry. They must have a variety of feed and not be overfed. They must be kept clean and be given green feed.

The first six weeks of the poult's life is the delicate period and needs close attention. Do not give any feed till they are forty-eight hours old. For first week give the following ration:

Fine chopped egg.....4 parts
Rolled oats4 parts
Meat meal2 parts
Bone meal1 part

Mix the mash with sour milk and feed five times a day. Give green feed, grit, shell and clean water. Give only what they will clean up at each meal.

After the fifth day give a small quan-

tity of the following, scattered in litter morning and evening:

Cracked corn2 parts
Hulled oats3 parts
Wheat4 parts

As the poults grow, increase the grain and decrease the number of feeds of mash. Give sour milk or buttermilk to drink.

Do not allow the poults to become wet or stay in a wet coop. Do not allow the hen to run at large and drag the poults around in the wet grass and exhaust them.

B. F. KAUPP,
Poultry Investigations and
Pathologist.

Ten Commandments for Prevention of Turkey Diseases.

1. Never feed on the ground where food may be left to ferment, sour or mould, and later be eaten.
2. Never overfeed, especially of egg or mash. Remember that in a wild state turkeys are more often hungry than not.
3. After two weeks of age in good weather, let the hens take the poults and go. They do not need coddling,

but they do need protection from weather, beasts of prey, etc.

4. Keep the poults and their coops free from lice. Use Persian insect powder to dust them or a drop of olive oil on the head, at the quill of the wing feathers and around the vent.

5. For a tendency toward bowel trouble feed boiled rice. Bowel trouble indicates improper feeding or exposure to dampness, cold, or both.

6. Do not permit poults to run over ground which chickens, pigs, ducks, geese, etc., have made filthy. Plow up such ground or keep the poults yarded away from it.

7. When the poults have been chilled or seem droopy and need a tonic,

BUFF PLYMOUTH ROCKS

See my stock at Ky. State Fair. I took nine ribbons in 1914. Write for prices.

MRS. M. T. ENGLISH, Prospect, Ky.

S. C. BUFF LEGHORNS COCKERELS

from Winter Laying Utility Stock \$1.00 each
W. L. WILLIAMS, Jr. Box 15 FRANKFORT, KY.

USE DIAMOND EGG BOXES

for shipping your fancy eggs. Cheapest because safest. Thousands of testimonials. Sample 25 cents; dozen \$1.50. Write today.

DIAMOND BOX MFG. CO.
North Second Street, Minneapolis, Minn.

WHITE and BARRED PLYMOUTH ROCKS and S. C. WHITE LEGHORNS

Get the Highland Strain
for Quality and Vitality
HIGHLAND POULTRY FARM
W. A. Luther, Proprietor
Farm, Rt. No. 1, Shepherd, Tenn.
Office, 615 Market St., Chattanooga, Tenn.

WIN THE BLUE

At your STATE or COUNTY Fair with Dixie's quality Strain White Wyandottes. Second to none as Layers and Winners. Write for prices on GUARANTEED WINNERS and choice breeders. Hundreds to select from.

CARRINGTON JONES

BUNTYN,

Box No. 145

TENNESSEE

Rhode Island Buffs, Yellows, Blacks, Browns and Brindles, for sale by Dick, Tom and Harry—Breeders of the well known Dukes Mixture strain. When writing to these people be sure to state color wanted, and how much cash you want to throw away, etc., to direct failure take the above road. If you want true GENUINE, SINGLE COMB RHODE ISLAND REDS, it's a gray horse of another color, the direct road to success—Beware of the DUKES MIXTURE strain, called RHODE ISLAND REDS. CLAYTON breeds the GENUINE stuff and guarantees to please everyone, in SINGLE COMB REDS, been at it ten years.

CLAYTON'S POULTRY YARDS

L. A. CLAYTON, BREEDER

COALING, ALABAMA



THIS
MAKES
THIS



MORE EGGS AND
BETTER CHICKS

Years of experience in poultry raising and scientific investigation have produced that perfect ARROW HEN FEED that contains every food element necessary to healthy productive hens. The average hen will lay 150 to 200 eggs annually when fed ARROW HEN FEED. Results count, judge by them. Write for free samples.

EDINGER & CO., Louisville, Ky.



Prize Winning S. C. White Leghorn Pen. These birds won first at the Kentucky State Show, February, 1914; first at the Kentucky State Fair, Louisville, 1914; first at the Tennessee State Fair at Nashville, Tenn., 1914, and first at the Pennyroyal Fair, Hopkinsville, 1914. Bred and owned by Glory Anna Poultry Yards, Louisville, Ky.

make it as follows: Boil a pint of milk, put in it a shake of red pepper, add a tablespoonful of alcohol; then beat up a raw egg and add to the mixture. Use this to moisten the bran mash. A little finely chopped lean meat may be added.

8. Use green food finely cut in quantity in all rations as an aid to digestion.

9. Be especially watchful of the poults when at about six weeks of age, they 'shoot the red,' that is, begin to grow the protuberances on the head and neck. The danger is of the blood flowing back upon the heart and becoming stagnant, the intestines become clogged and inflammation and diarrhea follow. The following treatment will prove helpful: Mix one tablespoonful of wheat middlings with water and make into four pills—bake hard. Give one pill three times a day to a full grown turkey or a smaller pill in proportion to size of fowl. Follow with a tablespoon of castor oil for the old turkey or a teaspoonful for a young poult.

10. Call the turkeys home to roost by feeding them a little grain every night.—American Poultry World.

"The early bird always catches the worm." Start your copy early and make the early sales.

Ferris Leghorn Farm.

A new advertiser this month is the Ferris Leghorn Farm, Grand Rapids, Mich., one of the largest White Leghorn farms in the middle West. Our readers have probably heard of Ferris S. C. White Leghorns, for they have been one of the leading strains for fifteen years, during which time they have been carefully bred to increase egg production and at the same time have been winning at many of the largest shows.

Mr. Ferris is quoting special prices during the next thirty days on all grades of breeding and exhibition stock. The winter prices always are reasonable, but the prices now are 30 to 50 per cent less than usual, because he wishes to reduce his flock before putting them in winter quarters. Laying and breeding pullets and yearling hens can now be bought as low as \$1.50, choice breeding cockerels as low as \$2.50. These birds have laying qualities bred in the bone and will improve your flock.

Exhibition birds as low as \$5.00 for hens and pullets; \$10.00 for cocks and cockerels, offer an opportunity not to be missed.

Ferris Leghorns are sold under the most liberal guarantee that any breeder can give. If not satisfactory in every way they can be returned and money will be refunded; if they die or get out of condition within thirty days, they will be replaced free. They will also be shipped C. O. D. if desired.

The 36-page catalog which will be sent free for the asking tells the whole story. It gives prices and description of all stock, list of winnings at twenty big shows, letters from pleased customers in nearly every State, tells how laying and exhibition qualities are developed and maintained and gives information regarding White Leghorns that every breeder should know. Write today and ask for prices on any stock, eggs or chicks you may want now or next spring. Address George B. Ferris, 922 Union Avenue, N. E., Grand Rapids, Mich.



\$7.16 Profit per Hen

That's what Director Tom Quisenberry does at the Missouri State Experiment Station.

He Will Show You How

to succeed "The Quisenberry Way." He heads the only exclusive poultry school in the world. Low cost now. \$1 starts you. Write for illustrated free book that tells the story.

The American School of Poultry Husbandry
Box 1 60 Mountain Grove, Mo.

—FOGG'S S. C. WHITE LEGHORNS—

Get our special prices on eggs for hatching, baby chicks, ten weeks old pullets and breeders. We can furnish quality and guarantee satisfaction.

N. V. FOGG, Box 4250 MT. STERLING, KY.



BREEDER OF EXHIBITION AND HIGH CLASS UTILITY
WHITE LEGHORNS MAYWOOD WHITES
WHITE WYANDOTTES ARE WHITE
Write for catalogue, breeding stock, baby chicks, eggs for hatching
MAYWOOD POULTRY FARM, Box 141, ANCHORAGE, KENTUCKY

HUTCHINSON WHITE ORPINGTONS

BIRDS OF QUALITY. LAY WITH VIM. PARAMOUNT IN THE SHOW ROOM. Stock for the early shows. Let us quote you prices

HUTCHINSON FARM,

BOX 595 H

VALDOSTA, GA.



GIVE THOSE MOLTING HENS NEW FEATHERS—QUICK

Growing new feathers takes strength, and your hens may not start laying this winter unless you start now giving them

Pratts

POULTRY REGULATOR

COSTS ONLY A CENT A HEN A MONTH

It shortens the molt, brings about speedy recovery. Keeps up vitality, and makes steady all winter layers.

"I have never had a hen or pullet that would not lay in cold weather after giving Pratts Poultry Regulator. I have sold eggs at 85c. a dozen," said Mr. H. C. MORGAN. "I would not be without it."

After you have used it, if you are not fully satisfied, go back to your dealer and get your money. Get a 25 lb. pail at \$2.50. Packages at \$1.00, 50c. and 25c.

To kill lice and mites, destroy germs and prevent disease, use Pratts Poultry Disinfectant. Quarts 35c., gallon cans \$1.00. Pratts Powdered Lice Killer in sifter top cans at 50c. and 25c.

PRATT FOOD COMPANY PHILADELPHIA CHICAGO TORONTO



This department is conducted by the Editor, 901-902 Great Southern Building, Louisville, Ky. If your birds are sick, write him. He will tell you through this department where your trouble lies. If you want a personal reply, send stamped envelope.

Chickenpox.

The Industrious Hen, Louisville, Ky.

Dear Sir: I have a small poultry farm composed mostly of White Leghorns and lately there has been a disease come among them which I am ignorant of. On the chickens combs there forms a wart and also around the head mostly around the eyes and in time closes the eyes and chicken cannot see to eat and very often gets droopy and finally dies. In all the books I have I have never yet found anything in reference to this disease, so I write you hoping you can give me some information on same and some remedy to stop same, which will be highly appreciated by me, a subscriber. E. C.

Fort Stanton, N. M.

ANSWER—I believe your chickens are suffering from what is known as sore head, or



S. C. White Leghorn male; bred and owned by Geo. B. Ferris, Grand Rapids, Mich. Look up advertisement in this issue and write him for prices, mentioning this paper.

chickenpox. This disease is very common in the South and warmer climate and I would advise you to separate the sick birds from the well ones and give the well birds a new run, if possible. Disinfect the premises thoroughly with some good disinfectant which you will be able to secure at any hardware or poultry supply store, and for the sick birds I would advise you to place them in a coop and give them your careful attention. Take your fingernail or some blunt instrument and remove the warts and apply pure Creoline to this raw surface. Apply this treatment for several days and they will gradually disappear. Feed the birds on soft food and keep fresh water before them at all times.

Wants Cure for Lice.

Industrious Hen, Louisville, Ky.

Dear Sir: Please write us a sure remedy for lice as our entire flock as well as the flocks of our neighborhood are about eaten up with the things. We are living in a new house with nice clean poultry surroundings, but the chickens were found full of lice. That I suppose is the cause of their being poor and not laying at all. L. W. L.

R. F. D. No. 1, Macon, Ga.

ANSWER—Would advise you to secure a good lice powder from your poultry supply

dealer and dust your birds thoroughly according to directions. Also procure some disinfectant and use in the houses and yards and spray in the cracks and crevices in order to kill the mites that are more than likely present at this time. Use the lice powder on your birds three or four times at intervals of about ten days.

Green Bone.

Editor Industrious Hen, Louisville, Ky.

Dear Sir: Do you recommend feeding of green bone for egg production. J. A. H.

Owensboro, Ky.

ANSWER—Green bone is excellent for laying hens if the feeding of same is not overdone. Be careful to see that it is fresh, especially during warm weather and only feed a small amount twice a week.

Feathers Missing.

Editor Industrious Hen, Louisville, Ky.

Dear Sir: A good many of my breeding stock have lost their feathers on head and neck and I am unable to account for it. Can you say what is the trouble? MISS C. E. R.

ANSWER—Lack of feathers on top of head is not uncommon with hens in the breeding pens this late in the season and should occasion no worry. If feathers are missing on the lower part of the neck it may be due to feather pulling and if the roosters are also missing any feathers to speak of, it is almost certain that this is the trouble. Feather pulling is a very bad habit to break out in a flock and is generally due to lack of exercise and improper

feeding. If confined in pens feed grain rations in deep litters to make them scratch for every grain they get, give more green food, sprinkled oats if possible and furnish beef scrap with an occasional feed of green cut bone. Rub the feathers around the bare places with extract of aloes, which being very bitter will discourage the habit.

Worms.

Editor Industrious Hen, Louisville, Ky.

Dear Sir: Have several setting hens in a coop and noticed one passed a few small, round, white worms in the dropping and the worms were eaten at once by the other hens. What is the best thing I can do. J. A. B.

Columbus, Ohio.

ANSWER—Mix equal parts of turpentine and sweet oil and give a teaspoonful to each bird. Follow this with a teaspoonful of castor oil. Keep the hens confined in the coop and watch the droppings until all trace of worms disappear.

Rattling in Throat.

Editor Industrious Hen, Louisville, Ky.

Dear Sir: Have a last year's cockerel which has been troubled with sneezing and rattling in his throat all season. Is it advisable to hold him over for breeding purposes next season? B. A. S.

Trenton, N. J.

ANSWER—Would not run the risk of breeding from him any longer. Results liable to be very unsatisfactory.

Colds.

Editor Industrious Hen, Louisville, Ky.

Dear Sir: Several of my hens have swelled heads and one or both eyes almost shut. Please advise treatment. C. J. S.

Loogvober, Ind.

ANSWER—Trouble evidently caused by draft of cold air striking birds while on the roost. First locate the crack or hole and close it to save same trouble with rest of flock. For the afflicted ones keep heads greased with vaseline or sweet oil three parts, and turpentine one part, well mixed. If they sneeze and appear to have colds give one grain capsule of quinine night and morning until cured.

Start your advertising now in the **INDUSTRIOUS HEN**. We can sell your surplus birds for you before the winter months set in.



Conkey's

Roup Remedy

Don't Worry!

does not contain—and never has contained one grain of permanganate of potash.

Many Roup Remedies have come and gone since Conkey's was introduced many years ago—but they failed because they had not been made scientifically.

No Roup Remedy depending upon permanganate of Potash can hope to ever become a standard for the reason that the organic matter in the water or in the crop of the bird oxidizes it and renders it insoluble and ineffective.

On the other hand Conkey's made a place for itself because of its efficiency—and it has retained that place because it has always contained the elements that are unaffected by organic matter—and it does the work.

That is what you want when your birds have colds, catarrh or Roup—so use Conkey's and know you have the best aid procurable. Nothing else is good enough for your birds. Get a 25c; 50; \$1.00; or 5 lb. package \$6.00 and be ready. If your dealer cannot supply you—don't take a substitute, we will fill your order.

THE G. E. CONKEY CO.,
1011 Conkey Bldg., Cleveland, O.



If you are Secretary of your Specialty Club, Poultry Show or Association, be sure to send in your news each month for this department. We will gladly publish same free for you. Also let your members know what the Club and Association are doing. Keep them posted.

SHOW DATES

California.
Sacramento (State), Sept. 4-11—Charles W. Paine.

Colorado.
Pueblo (State), Sept. 13-18—J. L. Beaman.

Connecticut.
Berlin (State), Sept. 14-17—L. W. Gwatkin.
Hartford (State), Sept. 6-11—O. A. Jones.

Delaware.
Wilmington, Sept. 6-10—S. W. Wilson, Jr.

Georgia.
Augusta, Nov. 8-12—H. W. Cameron.

Illinois.
Springfield (State), Sept. 17-25—B. M. Davison.
Mt. Carmel, Dec. 13-15—L. S. Cochran.

Indiana.
Indianapolis (State), Sept. 6-10—Charles Downing.
Terre Haute, Dec. 1-5—Harry Forbes.
Marion, Dec. 6-11—O. D. Weesner.
South Bend, Jan. 20-23—Paul A. Huriman.
Fort Wayne, Jan. 18-22—J. C. Howenstein.

Iowa.
Burlington, Aug. 7-14—G. H. Holcombe.
Des Moines (State), Aug. 25-Sept. 3—A. R. Corey.
Dyersville, Dec. 2-5—Frank Faha.

Kansas.
Topeka, Sept. 13-17—Geo. E. Clark.

Kentucky.
Louisville, Sept. 13-18—J. L. Dent.
Louisville, Nov. 23-30—A. W. Haller.
Owensboro—Dec. 1-5—C. E. Carpenter.

Michigan.
Detroit (State), Sept. 6-11—G. W. Dickinson, 501 Bowels Bldg.
Muskegon, Jan. 25-28—Henry S. Noble.

Minnesota.
Hamlin (State), Sept. 6-11—J. C. Simpson.

Missouri.
St. Joseph, Jan. 4-9—C. J. Hill.

Nebraska.
Lincoln, Sept. 6-11—W. R. Mellor, Room 406 State Capitol Bldg.

New York.
Syracuse, Sept. 13-18—S. C. Sharer.

North Dakota.
Grand Forks (State), July 20-24—D. V. Moore.

Ohio.
Columbus (State), Aug. 30-Sept. 3—J. W. Fleming.
Paulding, Dec. 27—Jan. 1—O. E. Brime.
Eaton, Jan. 24-29—Ora Overholser.

South Dakota.
Huron (State), Sept. 13-17—C. N. McIlvaine.

Vermont.
White River Junction (State), Sept. 14-17—F. L. Davis.

Washington.
Spokane, Sept. 13-18—Geo. P. Larson.

West Virginia.
Wheeling (State), Sept. 6-10—Bert H. Swartz.
Charleston, Jan. 10-15—Julian C. Byrd.

Wisconsin.
Milwaukee (State), Sept. 13-17—Oliver E. Remy.

National Single Comb White Leghorn Club.

The National Single Comb White Leghorn Club is now preparing the new issue of its annual catalog and year book and it is planned to make this issue the largest and handsomest catalog issued by any specialty club. Ten thousand or more copies are to be issued and the book will contain many illustrations and valuable articles on breeding, rearing, conditioning and showing White Leghorns by members of the club, which includes the foremost White Leghorn fanciers and exhibitors in the country.

Revised illustrations of the club ideal male and female will be shown and everyone interested in White Leghorns should become a member and get this year book. The annual dues are one dollar per year with one dollar initiation fee to new members.

Valuable silver cups and beautiful ribbons are offered at State meets, where there are more than ten members in the State, and ribbons are offered at all shows complying with club conditions where three or more members compete.

The new catalog and year book is to be mailed about September 15, and those wishing to join this club should write either the president or secretary for application blank and become a member at once that they may be listed among the membership in the new book.

The club now numbers over seven hundred members and the membership campaign now going on bids fair to make the National Single Comb White Leghorn Club the largest specialty club in the world.

EUGENE C. SMITH, President,
Aurora, Ill.

F. O. GROESBECK, Secretary,
Hartford, Conn.

Silver Wyandotte Breeders, Take Notice.

The annual catalog published by the Silver Wyandotte Club is now ready for mailing and will be sent free to all those who will write for it. The catalog contains interesting articles, cuts and advertisements contributed by the leading breeders of America.

H. J. GOETTE, Secretary.
St. Paul, Minn.

Get 'Em Ready.

What promises to be one of the big events in chickendom this year is the poultry show to be held in conjunction with the big American Royal Live Stock Show, in Convention Hall, Kansas City, Mo., from October 4-9.

As you probably know, the American Royal is considered one of the best shows in America for these reasons: Low entry fee, liberal premiums, keen competition, uniform cooping, judges of national reputation, a square deal and courteous treatment to every exhibitor whether his entry is one or thirty birds. The Royal is one of the best sale shows in the United States. Thousands of dollars of sales are directly traced by exhibitors showing at the Royal. Where can we dispose of breeders, at this time of the year so readily as by exhibiting at the great live stock show. It will give you advantage in advertising in the poultry paper, as a recent winning always attracts attention.

This year promises to be the banner poultry exhibit staged at this great live stock show, owing to the more liberal premiums than here-

tofore, ideal time, location and realization of the breeders what a winning at this show means, both from an advertising and financial point of view.

The judges this year will be V. O. Hobbs and R. F. Palmer. Premium lists are now ready and you may have one by writing the superintendent, Thos. W. Southard, 7 West Thirteenth street, Kansas City, Mo.

Tri-State Show, Memphis.

The Tri-State Poultry Show will be held in Memphis, September 26 to October 22, during the Tri-State Fair. J. K. Morrison, of Mountain Grove, Mo., formerly with the Mississippi Experiment Station, has been elected superintendent. Judge E. C. Branch and Judge F. H. Shellabarger will place the awards. Last year the Tri-State had a hummer—over 2,000 birds.

The poultry interest is growing in the South as in no other section of the country. There is a big opportunity ahead for the development of a much neglected industry. The clamor of the business men and farmers of the South is for a cash crop to supplement the sales of the cotton crop. The Tri-State people think that there can be no better industry added in this great diversification than poultry. Eggs are a standard circulating medium and the Tri-State boys are out to show the business men and farmers that the Tri-State hen can keep money in circulation the year round.

The Tri-State hen is a purebred and they are going to try and convince the visitors to this fair that she must displace the mongrel type. At least purebred birds on every farm is the slogan. It is sincerely hoped that Southern poultrymen will co-operate in making this the best show ever held in Tri-State territory.

One of the features will be a big educational exhibit. A model ten-acre farm will be put on to give the idea of the general arrangement of such a farm to save steps and be efficient when operated by one man. A pen of hens will be fed in a model house. Trap-nests will be run during the fair and a system shown for weeding out the poor layers. Emphasis is going to be laid on better methods of handling poultry. Practical demonstrations will be given to show farmers how to ship eggs, how to handle them to get good prices.

The Tri-State people are alive to the fact that a big opportunity is at hand.

Don't delay starting your advertising, but get copy in by September 20 for October issue.

ASK ABOUT ANCONAS	ANCONAS When you think of a Hen think of Hendry	ANCONAS ARE AN ASSET
INVERNESS ANCONA YARDS		
JAMES L. HENDRY, Prop. 1212 South 26th St. LOUISVILLE, KY.	HANDSOME HARDY USTLERS	
Exhibition Eggs \$2.50 per 15 Prize Winners Utility \$1.50		

Buff Orpingtons

The best lot of cockerels and pullets I have ever raised; also nice lot of yearling hens. Write for prices and show record.

BLOOM H. KENDALL,
Shelby, Box B N. C.

PIGEONS PAY TEN TIMES THE PROFITS OF CHICKENS

Their young (called squabs) sell for 40 to 60 cents each (according to the season) at three to four weeks of age. The large city markets are always offering these prices for squabs. Each pair of pigeons will easily clear from \$4.50 to \$5.00 a year above all expenses. Twenty minutes daily will care for 100 pairs. Always penned up out of the way. Small space required. Small capital needed to start. Get our booklet. Fully explained there. IT'S FREE. Send today.

MAJESTIC SQUAB COMPANY, Adel, Iowa

Quality or Quit Thirty Acres of Reds Utility or Bust

If you wish to win this fall, buy your Single Comb Rhode Island Reds from us. We have 2,000 now ready for the fall shows. These are from pens that were champions of the South last year. We raise all our show birds. We haven't bought a bird for years, because we can't find one as good as ours.

LAKE FOREST FARM.

CHATTANOOGA, TENN.

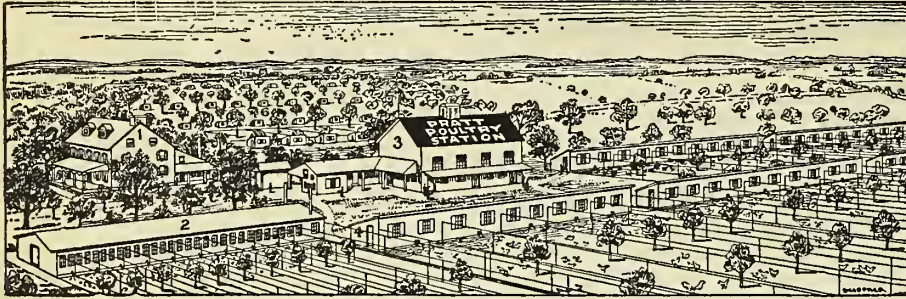
Just say you saw it in The Industrious Hen.

First Annual Field Day of Delaware County (Penn.) Poultry Association.

The territory lying within a radius of one hundred miles of Philadelphia is unusually rich in poultry, since it embraces southeastern Pennsylvania, northern Maryland and Delaware and the State of New Jersey. It is doubtful if any similar area in the United States contains a greater number of fowls or more money-making poultry plants. The en-

tains a vast number of magnificent country places and suburban homes, most of which support high grade flocks of fowls. Naturally the interest in poultry matters runs high and a strong organization has been effected.

This association held its first show last winter at Media, completely filling the armory with choice exhibition birds. The show was a success in every way, the attendance being large and receipts exceeding expenditures by a comfortable margin. Plans are now being



Pratt Experiment Station for Research in Poultry Diseases, Breeding and Feeding. 1, Manager's Home; 2, Brooder House; 3, Incubator Cellar and Feed Rooms; 4, Laying Houses, 5, Special Pens; 6, Colony Houses.

ergetic work of the officials connected with institutions of the various States mentioned is doing much to increase popular interest in the subject and is putting the industry upon a more solid basis.

It would be difficult to state the exact number of poultry associations which are active in this poultry belt, but they are very numerous. They hold countless shows each season and many educational meetings throughout the year. The recently organized Delaware County Poultry Association is particularly active and is doing wonderfully good work. Delaware county adjoins the city of Philadelphia and con-

perfectured for a bigger and better show this winter.

A most interesting and helpful field meeting was held Saturday, June 26, which served as a picnic and get-together time for members of the association and their friends. Three hundred poultrymen attended and each learned many facts which will be of great value to them in their future work.

The meeting was held on the grounds of the Pratt Experiment Station, Morton, Pa., the use of which was donated by the Pratt Food Company of Philadelphia.

From 10 a. m. until noon the time was

spent in inspecting the various buildings and the thousands of chickens, water fowls and pheasants found on this modern, model plant. The attendants were on duty carefully explaining the methods in use and answering the innumerable questions which the fact-hungry visitors asked.

At noon a recess was taken for lunch, the association furnishing refreshments to all, including hot coffee and ice cream.

Shortly after lunch the meeting was called to order by President A. L. Hawkins, the audience gathering in the shade of the lofty trees where seats had been placed. The program was a notable one because of the prominence and ability of the speakers. As each speaker completed his formal address, time was given for questions and answers, and ex-

"Developing Chicks into Laying Hens," Prof. Frederic H. Stoneburn.

"Why Keep Pure Bred Poultry," Louis Paul Graham.

"Poultry Health," J. Walter Keller.

"How to Select the Heavy Layers," P. B. Platt.

A stenographer was in attendance and secured these valuable addresses. These have all been printed in a bulletin which is now available for distribution among those who are interested in poultry husbandry. A copy will be mailed without charge to anyone applying for same. Address your request to Mr. H. C. Fehr, 130 Walnut street, Philadelphia, Pa. tended discussions developed. It was well toward "chicken feeding time" before the meeting adjourned.

The program follows:

"Essentials of Incubation and Brooding," Frank Kline, Pennsylvania State Poultry Adviser.

S. C. Brown Leghorns

From my New York and Boston winners. Can fit you out with a guaranteed winner for any show. Believe I have the best ever produced in both pullet and cockerel line.

STRAWBERRY HILL POULTRY YARDS,

RICHMOND,

BOX No. 287

VIRGINIA

Champion S. C. Black Minorcas

Large, vigorous, early hatched cockerels, \$3 up; Pullets, \$2 up. Bred from my New York winners. Sure winners for any show at attractive prices. Satisfaction guaranteed.

R. H. ANDERSON, - - - LYNCHBURG, VA.

THIS HIGH-GRADE BALL BEARING INDUSTRIOUS HEN SEWING MACHINE ABSOLUTELY FREE TO YOU

Features Of Much Merit

Noiseless, Easy Running, Ball Bearing. Stand Handsomely Embossed, Hand Polished Case, the Wonderful Automatic Belt Replacer, High Arm, Lock-stitch Sewing Head, Automatic Bobbin Winder, Automatic Stitch Regulator. All Steel Working Parts Hardened in Oil, Nickel Plated Steel Attachments in Velvet Lined Box.

THE SEWING HEAD has more improvements, conveniences and time and labor saving devices than any other sewing machine of like grade. THE CASE is very attractive in appearance and substantial in construction. THE STAND is ball bearing—the bearings operating in micrometer ground hardened steel cones.

ATTACHMENTS are of the foot pattern and packed in velvet lined box.

OUR OFFER: We will give you this \$50.00 high grade ball bearing Sewing Machine absolutely FREE if you will send us fifty (50) yearly subscribers to the INDUSTRIOUS HEN at 50 cents each, remitting us \$25.00. This is the greatest premium offer ever made and will hold good for only a short time. Get busy and be the first in your neighborhood to get one of these Machines. Sample copies and full information gladly furnished. Address:

THE INDUSTRIOUS HEN, 901-2 Great Southern Bldg., Louisville, Ky.

A BETTER MACHINE
CANNOT BE BUILT AT
ANY PRICE



GUARANTEED FOR 10
SOLID YEARS

Is it Golden Campines?

If so, write me for prices on pullets, cockerels, hens and cocks. Exhibition and utility, \$1.50 to \$10.00 each. A few R. I. Reds, single comb, cheap.

W. L. CLARK,

DANVILLE,

VIRGINIA

S. C. Mottled Anconas

Barrett's Blue Ribbon and Imported Strain young and old stock for sale at reasonable prices and satisfaction guaranteed.

BARRETT'S ANCONA FARM

MORRISTOWN, - - - TENN.

PURE WHITE RUNNERS

Fishel and Rhodes' Stock—None Better Our circular which is a price-wrecker tells you how we can sell eggs from this fine stock so low; also Rocks, Reds, Orpingtons, Anconas and Leghorns. Send for our price-wrecker today.

CONAVILLE YARDS, Mallett Creek, Ohio

MEYER'S BLACK LANGSHANS

Winners at America's greatest shows. Eggs, \$1.50 per 15 or \$2.50 per 30. Write for my free circular.

W. A. MEYER,

Bowling Green, Mo.

Box D.

PARTRIDGE WYANDOTTES

Winners at the Owensboro Poultry Show, 1914. Old and young stock for sale. Booking orders for eggs. Write for prices. Satisfaction guaranteed. Address,

J. V. BARTLEY,

Route No. 2, Philpot, Ky., Daviess County.

HALLERS

Headquarters for Poultry Supplies

Agents for leading makes and brands of Incubators, Brooders, Poultry Supplies, Remedies, etc. Mail orders given prompt attention.

Haller's Pet Shop, 103 W. Mkt. St., Louisville, Ky.

SPECIAL Combination OFFER

THE INDUSTRIOUS HEN

and any other paper in this list
for only

75 Cents

or any other two papers in this list
for only

\$1.00

We offer you your own selection from the 40 Largest and Best Poultry and Farm Magazines in the World, covering every particular section of the United States.

Money saved is Money earned.

We can send you *The Industrious Hen* and any four for \$1.70 or any six for \$2.30

American Poultry World, New York
American Poultry Advocate, New York
Poultry Tribune, Illinois
Poultry Culture, Kansas
Everybody's Poultry Journal, Penn.
Poultry Herald, Minnesota
Poultry Item, Pennsylvania
Poultry Keeper, Illinois
Poultry Success, Ohio
Reliable Poultry Journal, Illinois
Successful Poultry Journal, Illinois
Southern Poultry Journal, Texas
Inland Poultry Journal, Indiana
Western Poultry Journal, Iowa
Farm Poultry, Massachusetts
Poultry Record, Ohio
Southern Poultryman, Texas
Poultry Pointers, Michigan
Poultry Review, New York
Pacific Poultryman, California
American Poultryman, Nebraska
Pacific Poultrycraft, California
Poultry Post, Indiana
National Barred Rock Journal, Michigan
The Progressive Poultryman, Georgia

We will send you the *INDUSTRIOUS HEN* and any of the following agricultural papers for one year, at special low prices below.

The Ohio Farmer, Ohio.....	\$0.75
Kentucky Farming, Kentucky.....	.75
The Rural New Yorker, New York.....	1.35
Oklahoma Farm Journal, Oklahoma.....	.75
National Stockman & Farmer, Pa.....	1.00
National Farmer & Stock Grower, Mo.....	.75
The National Field, Georgia.....	1.00
Missouri Farmer, Missouri.....	.75
Southland Farmer, Texas.....	.75
Farmer's Guide, Indiana.....	1.00
Wallace's Farmer, Iowa.....	1.25
Indiana Farmer, Indiana.....	.75
Southern Fruit Grower, Tennessee.....	.75
Southern Ruralist, Georgia.....	.75
Southern Agriculturist, Tennessee.....	.75

Remit by Express, P. O. Money Order, Bank Draft, Registered Letter or Two Cent Stamps to

BLAIR-YOUNG PUBLISHING CO.

901-2 Great Southern Bldg. Louisville, Ky.



**COLLIES
DUROCS
BLACK
ORPINGTONS**

Collie pups from \$5.00 to \$10.00. Grown dogs at low prices. Duroc pigs from \$7.50 up. Black Orpingtons from \$1.50 up. Booklet on request. Describe what you want.

THE GATLIN FARMS, Box J, Murray, Ky.

Flanigan's Dark Cornish

Line bred Show Birds and fancy breeders a specialty. No utility stock bred. For Sale: Show Birds, Fancy Breeders and Eggs for Hatching.

STANDARD POULTRY YARDS
ROUTE NO. 4 MACON, GEORGIA

24 LEGBANDS FREE

MAKE YOUR HENS PAY



We send free 24 of the best Leg Bands made to every new and renewing subscriber to *THE INDUSTRIOUS HEN* at 50c. 36 Bands will be sent with a three years subscription for \$1.00. If you are already a subscriber you may renew; or if you will get your neighbor to send 50c for his subscription, we will send a dozen Leg Bands to each. Enclosed money order or stamps. Mention "Leg Bands" when subscribing under this offer.

BLAIR-YOUNG PUB. CO. LOUISVILLE, KENTUCKY.

**Mammoth
Bronze**

Turkey Eggs for Sale

Do you want stock from the largest and finest in the South, from prize winners at Madison Square Garden, World's Fair, Nashville and many other great shows? Two flocks, unrelated, to select from. If so, write at once.

MRS. J. C. SHOFNER,

Route 1,

MULBERRY, TENNESSEE

STOCK FOR SALE

Five hundred cockerels, 300 pullets and some extra nice yearling hens and cocks at prices to suit all. We can furnish show stock that will win for you just as they win for us. At Lexington, August 2 to 6, on 40 entries, we won 14 firsts, 16 seconds, 6 thirds and 4 specials; at Stanford, August 18 to 20, on 70 entries, we won 37 firsts, 35 seconds, 1st, 2d and 3d on pens and 1st on best exhibit. S. C. White Leghorns, S. C. Buff Leghorns, Blue Andalusians, Lakenvelders, White Rocks, Buff Rocks and Black Orpingtons. Write us your wants. We will please you or refund your money.

LOMBARDY HEIGHTS POULTRY FARM

JNO. O. REID, PROP.

STANFORD, KENTUCKY

Big dark velvety red rose and single comb Rhode Island Reds and big boned, deep rich colored Golden Buff Orpingtons. Our stock all bred from highest sources and best blood lines. **All trap-nested and bred to lay.** Have some beautiful cockerels of above breeds; sell them at a low price to make room for younger ones. Write quick for mating list and prices.

AVA POULTRY YARDS,

AVA, MISSOURI

SINGLE COMB WHITE LEGHORNS

In both old and young stock. Two-months-old utility cockerels as cheap as 50 cents and \$1.00 each. Correctly mated pens at very reasonable prices. Write us. Satisfaction guaranteed.

LAY-A-LOT LEGHORN YARDS

Box H

SHELBYVILLE, KY.



ILLUSTRATE YOUR ADVERTISING

with an attractive cut of some of your prize winning birds. It will mean better publicity, more sales and greater results from your advertising. Get in touch with our Artist, W. J. Smith, and let him figure with you. Try using an attractive cut in your advertisement next month and see the difference.

AND

Remember STEADY Advertising

PAYS

A BIG DIVIDEND

Just say you saw it in *The Industrious Hen*.

KENTUCKY STATE FAIR

Louisville, September 13, 14, 15, 16, 17, 18, 1915

BIGGEST AND BEST STATE FAIR IN THE SOUTH
GREATEST POULTRY EXHIBIT EVER HELD IN THE STATE

\$1000.00 IN PREMIUMS. All Standard Varieties
RECOGNIZED—UNIFORM COOPING

Don't fail to send a large string of your best birds to this great show. It is recognized as one of the leading state fair poultry shows in the United States. Uniform Cooping. Coops furnished free and the best poultry judges in the country.

Also classification for all the leading breeds of live stock. Farm products, fruits, flowers and women's work, etc. For premium list and entry blanks, address



J. L. DENT, Sec'y

705 PAUL JONES BUILDING
LOUISVILLE, KY.



CLOSING OUT SALE



Having sold our farm we must dispose of our fine poultry at sacrifice prices; everything must go at less than one-half their real value, \$25.00 birds go in this sale for \$10.00; \$15.00 birds at \$7.50; \$10.00 birds for \$5.00; \$5.00 birds at \$2.50 each; we have a very few Utility Cocks, Cockerels, Hens and Pullets at \$1.00, \$1.50 and \$2.00 each.

No Culls offered in this sale, nothing but high class Poultry can be found in our yards. Write, Phone or Call at Once.

THE CATALPAS POULTRY YARDS

Breeders of Barred Plymouth Rocks, S. C. R. I. Reds, White Wyandottes, S. C. White Leghorns and Rufus Red Belgian Hares. Also thoroughbred Fox Terriers of the very best bloods in America, a few choice Pups for quick sale.

Send for list of winnings.

JOHN S. STEERS, PROPRIETOR

THE CATALPAS

DRY RIDGE, KENTUCKY

BARGAINS EXTRAORDINARY—WHITE PLYMOUTH ROCKS

SEE OUR WINNINGS AT KENTUCKY STATE POULTRY SHOW 1915

For the next thirty days I will offer the following in breeding stock: Cockerels \$3.00 each. Trios (male and 2 females), old or young, \$7.50. Pens (male and 5 females), old or young, \$15.00. My price on eggs this season will be \$3.00 per 15 eggs or \$5.00 per 30, from specially mated yard hens. Special prices on larger quantities. Order direct from this advertisement, as I GUARANTEE SATISFACTION OR WILL REFUND YOUR MONEY: Address:

W. B. JENKINS, PROP.

OAKLAWN POULTRY YARDS,

GLENDAL, KY.

Single Comb Brown Leghorns!

Winners at Louisville, Lexington, Ky., Knoxville, Tenn., New Albany, Ind., Hamilton, Ohio, Indianapolis, Ind., Augusta, Ga. Cockerels at \$3 and \$5 each; Pullets at \$2 to \$5 each. Exhibition stock special prices. Be sure to see our exhibit at the Kentucky State Fair.

BONNYCASTLE POULTRY YARDS

LOUISVILLE, KY.

Special Sale Barred Plymouth Rock Cockerels

For 30 days we will make a special price on all orders for cockerels. We have the finest lot of birds we have ever raised and know we can please you. We guarantee absolute satisfaction or refund your money. Our birds have been bred for years for the following qualities. First vitality; second the ability to lay a great number of eggs; third straight narrow barring that gives them that beautiful blue cast; fourth shape and deep yellow skins. Our birds have these qualities and can reproduce them in your flocks. Give us a trial.

WOLF CREEK POULTRY YARDS

"PULLET MATING ONLY"

M. H. SMITH, PROP.

BOX 242

ABINGDON, VA.